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March, April, May.

SEEDS 219
IMPLEMENTS 217

JOHNSON & STOKES

GARDEN AND GRASS SEEDS

JOHNSON & STOKES



TESTED SEEDS

QUARTERLY WHOLESALE PRICE LIST

JOHNSON & STOKES

1890

Vegetable Seeds

Tools and Requisites
—FOR—
Market Gardeners.

Johnson & Stokes

SEEDSMEN

217 and 219 Market Street,
206 and 208 Church Street,

Entered according to the Act of Congress,
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~ ~ ~ PHILADELPHIA.

— TO OUR —

MARKET GARDEN AND TRUCKER FRIENDS



We present you herewith our Wholesale Price List of Vegetable Seeds for March, April and May, 1890, and trust the invariable satisfaction our seeds have given you heretofore will insure your continued patronage.

It is our constant aim to make Highest Quality a First consideration, and then to make our Prices as Low as good honest Seeds can be Sold. Our Determination to grow and distribute nothing but the Very Best Seeds that it is possible to Produce, has increased our business to its present Large Proportions, and gained for us the largest trade enjoyed by any other house in America direct with critical market gardeners and experienced planters, who appreciate

the highest quality rather than the lowest prices. While our prices are quite moderate, we do not pretend to compete with many seedsmen who offer what are known as cheap seeds at low prices, and our margin of profit is actually less than that of such dealers, owing to the unusual care and extra labor devoted to our crops during growth.

We illustrate in this list many of our Leading Specialties in order to thus more forcibly draw your attention to them. The illustrations are engraved on wood from photographs by our artist, and can be relied on as accurate.

HOW TO ORDER

Remit Amount with Order.—Money can be sent safely by post-office order, postal note, bank draft or check.

Cash.—Notes, silver, or postage stamps (two-cent), may also be sent at our risk and expense, by registering your letter, which can be done at any post-office in America.

Our Prices include new seamless bags, boxes, packing and free delivery on board cars or steamers here. We Guarantee the safe arrival of all shipments in good condition.

SEEDS BY MAIL.

In ordering Vegetable Seeds to be sent by mail at the wholesale prices given in this list, 8 cents per pound and 15 cents per quart, or at this rate for the fraction thereof, should be added to cover postage. We will, however, send packets and ounces free of postage.

To Large Buyers and Club Orders.

Although our Wholesale Prices, given in this List, are very low, yet where a number of pounds or bushels of any variety are wanted, we can frequently supply at somewhat lower prices. We therefore invite those wanting larger quantities than here quoted, as well as those forming Clubs, to write for special prices, stating quantity and variety wanted.

A FREE PREMIUM.

THE HORTICULTURIST'S RULE BOOK.

By L. H. BAILY. Price, bound in flexible cloth cover, \$1.00.

This valuable new book, which no market gardener or trucker can afford to be without, will be sent free to all who order vegetable seeds by the packet, ounce, pound, pint, quart or peck to the amount of \$5.00 and over.

Address all orders and inquiries

JOHNSON & STOKES,

217 and 219 Market Street, Philadelphia, Pa.



New Improved Round Pod Extra Early Red Valentine.

This is unquestionably the very best and earliest green snap-short bean for the market gardener. It is at least ten days earlier than the Early Red Valentine, and is usually ready to pick thirty-five to forty days from the time of planting. The habit of the vine is dwarf, the pods are smooth, round, stringless and very thickly set, remaining green and tender a long time after they are fit to pull. The strain we offer will be found unusually prolific, and to hold the pods well up from the ground. Vines very uniform, making little or no top growth, setting its fruit all low on the bush, ripening very uniformly, and producing enormously. Per qt., 25c.; peck, \$1.00; bush., \$4.00; 10 bush., \$35.00.

Improved Rust Proof Golden Wax Bean.

NOW OFFERED FOR THE FIRST TIME.

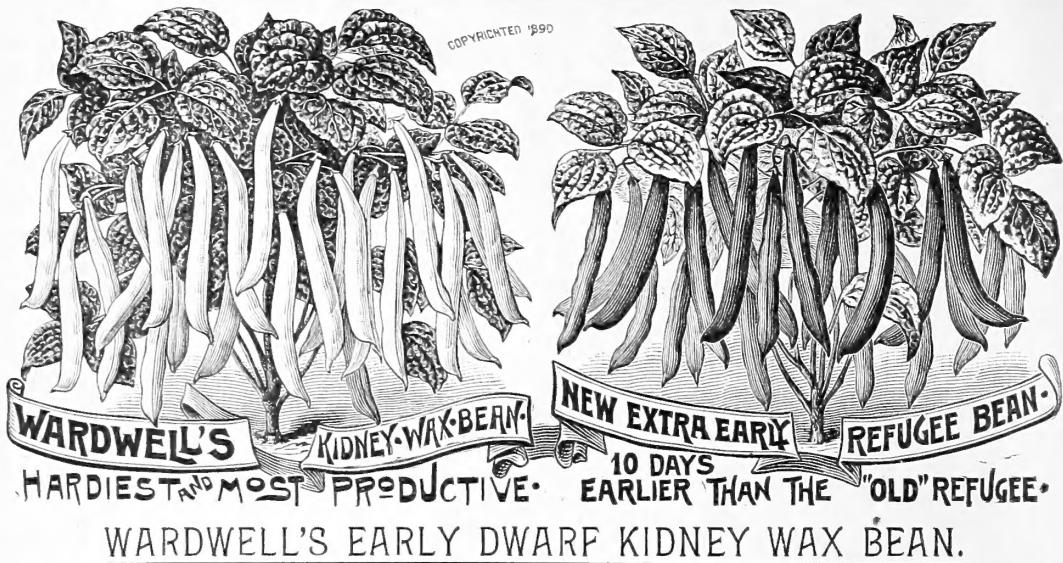
From our trials of this splendid new variety, which is accurately shown in the above illustration, we believe that it must, when fully known, entirely take the place of the well-known Golden Wax. It originated with Mr. Fred. Williams, one of the largest bean growers of New York State and from whom we have obtained our seed. Descriptive of this new bean, we can hardly do better than quote the following, from a letter written us by Mr. Williams, October 9, 1889:

"The Improved Rust Proof Golden Wax is the handsomest and hardiest of all the Wax Beans. The pods are straight, long, and thicker than the Golden Wax, much superior in quality and absolutely **rust proof**. It outyielded the Golden Wax two to one this season, and I think it will become the most popular of all Wax Beans."

Every claim made in the above was fully substantiated the past seasons, not only in our own trials but in those made by several of our best market gardeners to whom we gave it out for trial last spring. We hope no progressive gardener will omit planting it this season. Per qt., 35c.; peck, \$2.25; bush., \$8.00.

Yosemite Mammoth Wax Bush Bean.

This splendid new bean has been so named on account of its enormous size. The pods frequently attain a length of ten inches, with the thickness of a man's finger. The pods are nearly all solid pulp, the seeds being very small, when the pods are fit for use. Pods are a rich golden color and absolutely stringless, cooking tender and delicious. It is enormously productive, as many as fifty of its monster pods having been counted on one bush. Pkt., 10c.; $\frac{1}{2}$ pint, 60c.; pint, \$1.00; qt., \$1.50.



WARDWELL'S EARLY DWARF KIDNEY WAX BEAN.

This new variety, introduced by us two years ago, has more than exceeded our most sanguine expectations, and has given unbounded satisfaction wherever tried. Leading market gardeners everywhere are all unanimous in saying it is the **hardest, most productive** and salable yellow wax bean they ever grew. The most valuable point, however, in its favor is that it has **not yet shown the slightest indication of rust or spot**, no matter where or under what condition grown. It is greatly superior to the well-known Dwarf German Black Wax or Golden Wax sorts in every respect. The vines are remarkably vigorous, hardy and productive; the pods are very large, smooth and showy, and will sell when other varieties will be refused; they are tender, perfectly stringless and of unusually fine quality. The entire pod assumes a rich golden color at a very early stage of growth—a very important feature which no other sort does.

We recommend it as being particularly desirable to market gardeners who have to ship long distances, and to those who have a special trade that demands the best quality. Per qt., 30c.; peck, \$1.50; bush., \$5.00.

NEW EXTRA EARLY REFUGEE BEAN.

This entirely distinct new bush bean has all the first-rate qualities of the well-known Refugee, but will be ready for the market at least ten days earlier. It is an immense yielder and sure to produce a crop in either a wet or dry season. Our stock has been specially selected and improved, and will be quickly appreciated by all who give it a trial. Valuable for pickling. Qt., 25c.; peck, \$1.25; bush., \$4.50.



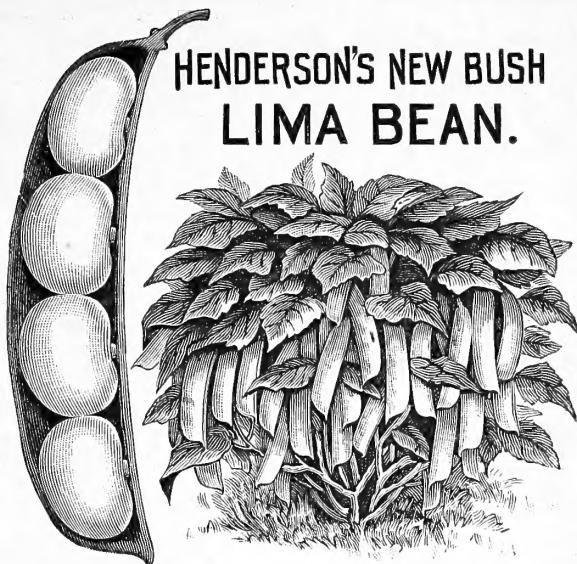
New Union White Valentine Bean.

Perhaps no greater improvement in dwarf beans has ever been accomplished than in this variety. It originated in Jefferson County, N. Y., with one of our largest bean growers, and, as its name implies, is a complete union of all good qualities necessary to make a dwarf green-pod bean perfect. It is much earlier and of a dwarfer habit than the old White Valentine, the pods being rounder, smoother, plumper and more meaty and entirely stringless. Among many others it possesses the peculiar and valuable quality of remaining in a tender cooking condition longer than any other green-podded variety; this, together with its **extreme earliness**—being fit to pick in thirty days from time of germination—makes it an exceedingly valuable sort for spring or fall planting. The beans, when ripe, are pure white, thus enabling the grower to sell them as shelled beans at a profitable figure in case he cannot sell them in the green state. We do not hesitate to recommend this new sort as unsurpassed in our entire list of beans. Qt., 30c.; peck, \$1.75; bush., \$6.00.

HENDERSON'S New Bush Lima Bean.

This valuable vegetable novelty was offered to the public for the first time last spring by ourselves, simultaneously with our friends, Peter Henderson & Co.

The New Bush Lima grows without the aid of stakes or poles, in compact bush form about eighteen inches high, and produces enormous crops of delicious Lima Beans, which can be as easily gathered as the common garden bush beans. It is at least two weeks earlier than any of the climbing Limas and produces a continuous crop from the time it comes into bearing until frost. The beans are of the size of the Sieva or Southern Lima and as before stated of delicious quality. Pkt., 15c.; pint, 60c.; qt., \$1.00; peck, \$6.50.

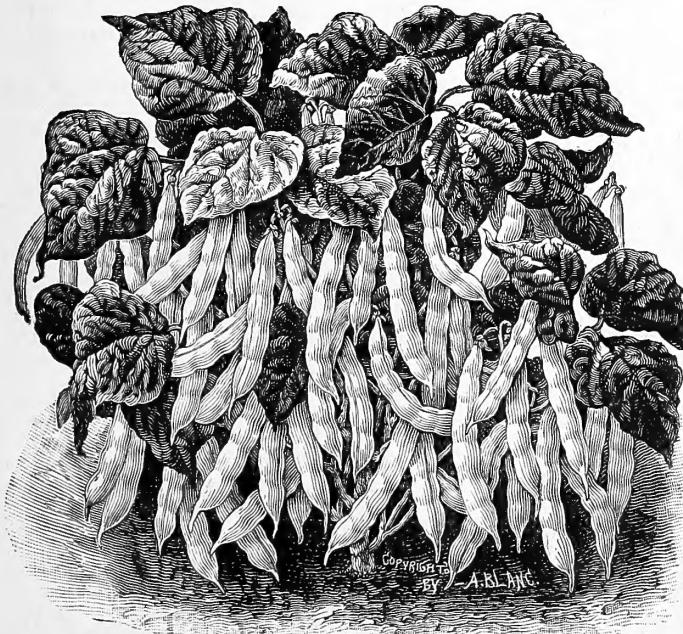


Scarlet and Violet Flageolet or Perfection Wax Beans.

These varieties were brought from Germany several years since; as grown there the Flageolet Wax consists of a mixture of two varieties—one with light scarlet beans, while those of the other are much darker red, or violet-colored. In character of growth of vine and pod they do not differ very materially. Both have very vigorous, strong-growing vines, bearing very large, long, flat and tender wax-like pods. Their immense size and beautiful color make them very attractive in the market. For some years a few of these beans have been offered in market, and have always commanded nearly double the price of common wax beans, and although not quite so early as other sorts, they mature in good season. The Scarlet Flageolet is a little the earlier and more productive, but the Violet has larger pods. These two varieties as offered by us are quite distinct, and have been established by years of selection. They are offered by some seedsmen under other names, as "Scarlet" and "Perfection" Wax. We recommend them as among the largest and most showy dwarf wax beans in cultivation.

SCARLET FLAGEOLET WAX, qt., 35c.; peck, \$2.00; bush., \$7.50.
VIOLET OR PERFECTION WAX, qt., 30c.; peck, \$1.60; bush., \$6.00.

New Prolific German or Cylinder Black Wax Bean.



NEW PROLIFIC GERMAN OR CYLINDER BLACK WAX BEAN.

This is an entirely new and improved strain of the old favorite German or Black Wax Bean, originated by a large bean grower of Genesee County, N. Y. By comparative tests in our trial grounds, we find it very superior to the old strain, being much earlier and more than twice as productive. Pods perfectly round, straighter, longer, and of an even rich golden color, see illustration opposite. Our stock is grown for us by the originator, and is entirely pure and thoroughbred. Qt., 30c.; peck, \$1.75; bush., \$7.00.

NEW GOLDEN EYED WAX BUSH BEAN.

An entirely new, early and vigorous growing variety, yielding a great profusion of tender pods of a beautiful, waxy appearance. The vine grows about one and a half feet high, holding the pods well off the ground, thus keeping them clean and attractive. The pods are flat, larger than the Golden Wax, and very nearly as large as the Flageolet Wax. Qt., 30c.; peck, \$1.75; bush., \$7.00.

NEW GOLDEN ANDALUSIA BEAN NEW GOLDEN ANDALUSIA.



The Best Pole Wax Bean.

This new bean, named and introduced by us two years since, has created a decided sensation among bean growers. Nothing we have ever introduced has brought us so many unsolicited letters of the strongest praise from all parts of the United States. Hundreds pronounce it emphatically the *most valuable pole variety ever offered*. It originated at Andalusia, Bucks County, Pa., with a market grower. Our illustration, made from nature, gives some idea of their *wonderful productiveness*, it being nothing unusual to pick one-half bushel to three pecks from a single vine at one picking. The pods are five to six inches long, broad, thick, very fleshy and *entirely stringless*, far surpassing all other varieties in this respect, and retaining these important qualities until almost ripe. The pods when fully grown are from five to six inches long, exceedingly rich, buttery and fine flavored when cooked. The vines cling well to the poles, a very important feature, as, on account of their enormous productiveness, the weight of a vine filled with such a mass of large pods is very great. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are round as a bullet, pure white in color, and also make a fine shell or winter bean. In *great productiveness, fine quality and ever-bearing character* they stand unequalled by any other pole bean in the world. Pint, 40c.; qt., 70c.; peck, \$4.00; bush., \$15.00.

LAZY WIFE'S.

The Best Green Podded Pole Bean.

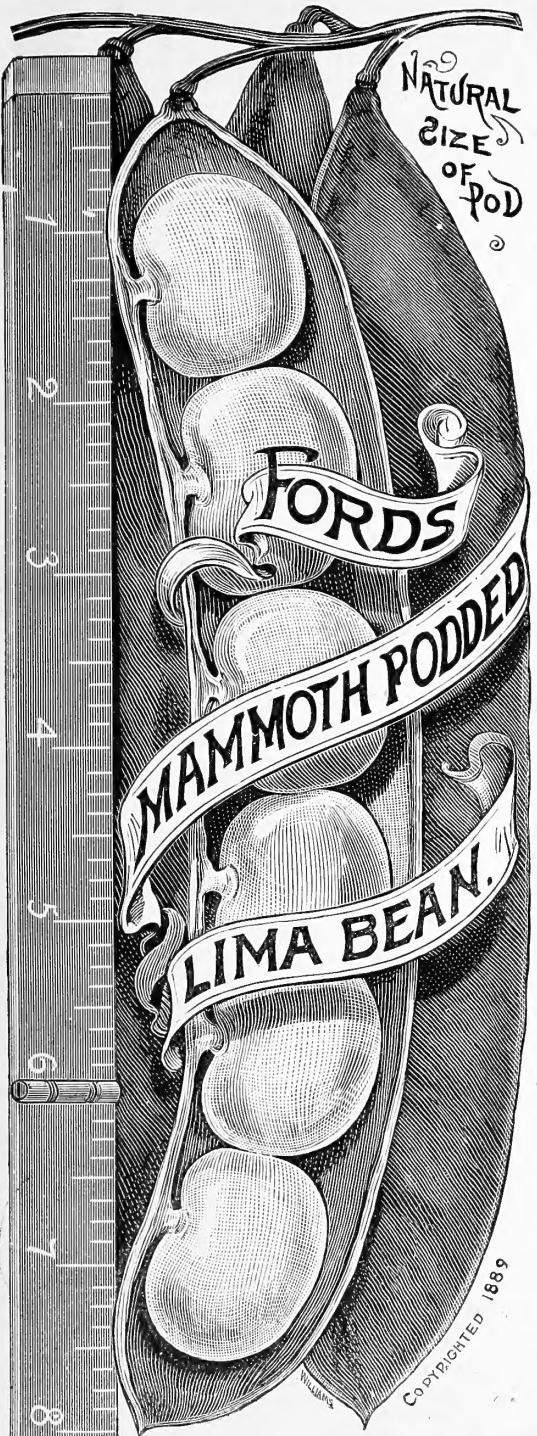
This new Pole Bean, introduced by us a few years since, has become a great favorite. The pods grow from four to six inches long, entirely stringless, and of a rich buttery flavor when cooked. The pods remain green, and retain their tender, rich, stringless flavor until nearly ripe. The beans are white, and are unsurpassed as shell beans for winter use. They are pronounced by all who have grown them the best green podded snap-short Pole Bean in cultivation. Pint, 25c.; qt., 40c.; peck, \$3.00; bush., \$12.00.

WHAT OTHERS SAY

DAVID A. RAEMEY, Martinsville, Ind., Sept. 9, 1889, writes: "I have had many garden seeds from different firms, but yours excel all others in purity and greatness of growth. The Andalusia Bean is sweeping the market here. I sell them readily at 40 cents per peck. I had hills from which I picked off one single shoot from a half bushel to three pecks."

FRED. GROFF, Joanna, Pa., writes: "I cannot refrain from writing to you about the Golden Andalusia Beans. They are the finest I have ever grown and have no equal. They are more than you claim. I have never failed to grow fine crops from all your seeds. You shall have all my orders in future."

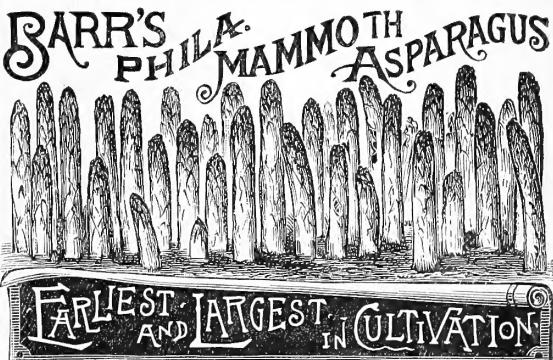
CHARLES T. COOK, Montville, Conn., writes: "I cannot speak too highly in favor of the Golden Andalusia Bean; they go ahead of anything I ever saw. The Crown Jewel are the earliest of potatoes; in sixty days from planting, I dug an enormous crop."



Pronounced by hundreds of market gardeners who grew it the past season, absolutely the largest, finest flavored, and most productive of all Lima Beans.

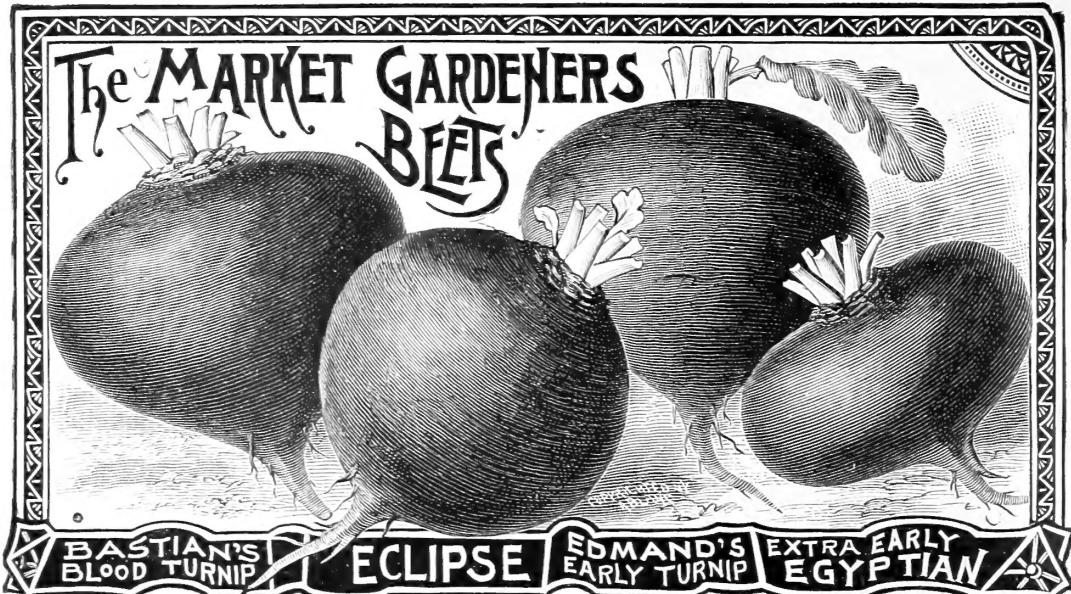
Ford's Mammoth Podded Lima Bean.

This grand new Lima Bean, first introduced by us, is the result of over twenty years' selection, by one of the oldest and most successful market gardeners around Philadelphia, whose name it bears. No novelty we have ever offered cost us so much money to obtain seed stock, and even at the fabulous price offered Mr. Ford for his entire stock, he hesitated before selling, but finally accepted our offer. Its great value can be realized, when we say from our own personal knowledge it far surpasses in mammoth size, great productivity and fine quality, such excellent varieties as the King of the Garden, Salem Improved, and other fine sorts. The pods grow to an average length of eight inches, as shown in the accompanying engraving made from nature, and are produced in immense clusters, containing from five to seven large beans per pod, of the most excellent quality, for using either in the green or dry state. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. **Ford's Mammoth Podded** is pronounced by every market gardener who has grown it absolutely, without exception, the largest, finest flavored and most productive of all Lima Beans. Seed very scarce. Pkt., 15c.; pint, 60c.; qt., \$1.00; 4 qts., \$3.50.



BARR'S PHILADELPHIA MAMMOTH ASPARAGUS.

Since our introduction of this variety, a few years since, it has been almost impossible for us to grow sufficient seed and roots to fill orders, so great has been the demand. It originated about six years ago with Crawford Barr, of Montgomery Co., Pa., a prominent market gardener. Grown side by side with the Conover's Colossal, and subject to the same treatment, *it comes in earlier and grows more than twice as large*. It is very productive, throwing up a great number of strong, well-developed shoots throughout the entire season. It is tender to the stem, and of delicious flavor, which, together with the fact that it requires much less labor in cutting and bunching, thus lessening the expense of marketing, makes it much the most desirable of any kind yet introduced. It has attracted much attention in Philadelphia markets, where it is much sought after and sells at double the price of any other sort. We have seen a bunch of twenty-five edible shoots weigh thirteen pounds. It is now grown by many of the leading market gardeners of Philadelphia, Chester and Montgomery Counties with great profit. Price of seed: Oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25. Price of roots: 1 year old, \$5.50 per 1,000; 2 years old, \$6.50 per 1,000. (500 roots at 1,000 rate.)



EXTRA EARLY EGYPTIAN BLOOD TURNIP BEET.

This variety is one of the earliest in cultivation, and a leading early sort for growing under glass. Its remarkably small top and rapid growth particularly fits it for this. It is also an excellent sort for sowing early in the open ground, and at least one-third more can be grown on same space than any other. Quality fair when young, color dark crimson. Those intending to plant this sort can rely upon our strain for every important quality. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; 10 lbs., \$4.00.

EXTRA EARLY ECLIPSE BEET.

No other early variety has had so extensive a sale as this. It is fully as early as the Egyptian, but larger and of finer quality. We know our stock to be perfectly pure, being grown from stock that we have carefully and repeatedly selected. Our strain is remarkable for its extreme earliness, smoothness, fine shape, as shown in above cut, intense blood-red color and small top. Oz., 5c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 10 lbs., \$5.00.

BASTIAN'S EXTRA EARLY BLOOD TURNIP BEET.

An old well-known sort of very quick growth, large size, dark red color, and handsome, salable shape; good for early or late sowing. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; 10 lbs., \$4.00; bush., \$6.00.

EDMAND'S EARLY RED TURNIP BEET.

A splendid new variety originated near Boston. While not as early as the above varieties, it has many fine qualities to commend it strongly to market gardeners, being the most uniform of all turnip beets. It is of handsome, round shape, as shown in the above cut, of good marketable size and deep blood color. It does not grow very large or coarse, has a very small top and can be grown very closely together. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; 10 lbs., \$4.00.

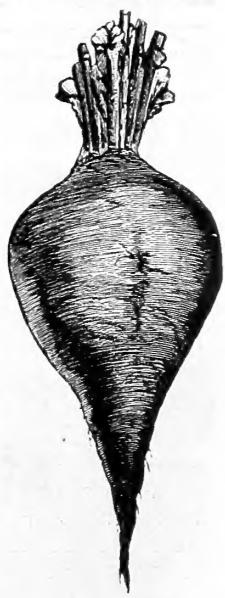
LENTZ'S EXTRA EARLY BLOOD TURNIP BEET.



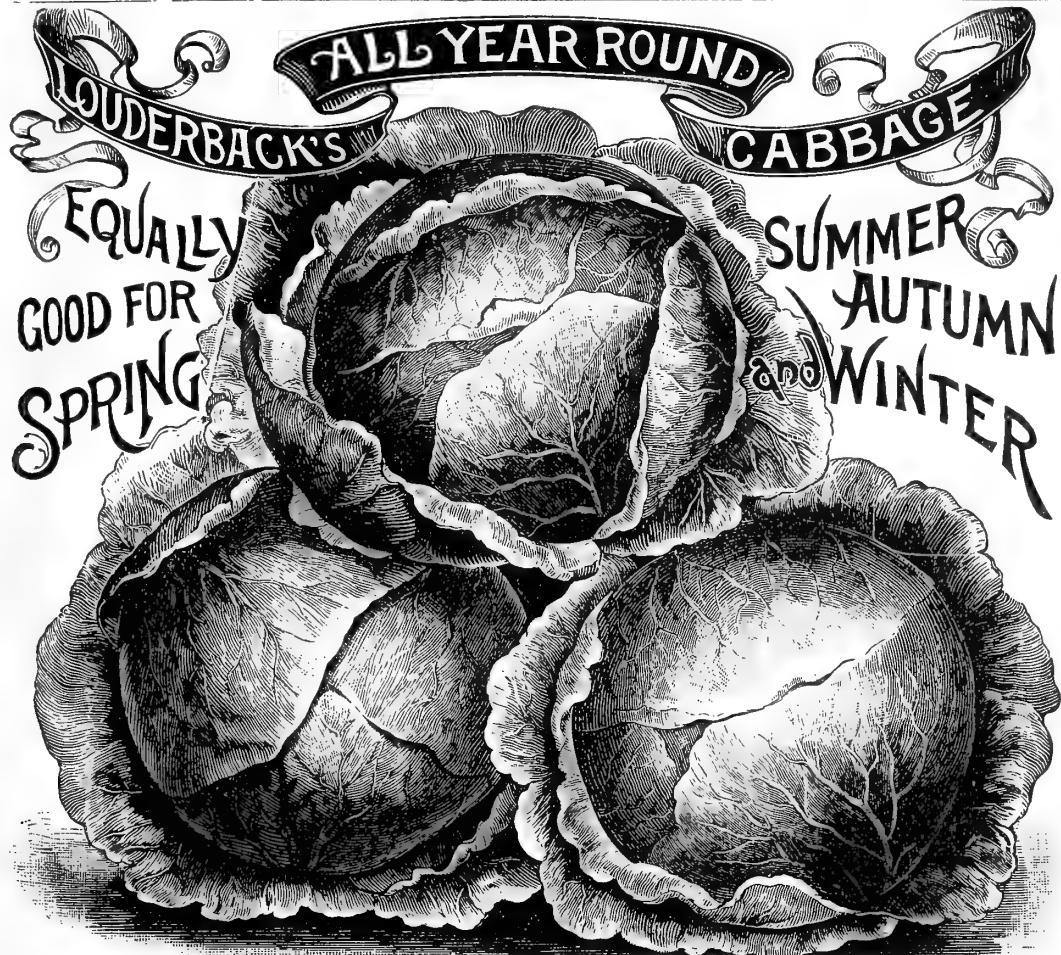
We were the first to offer this valuable variety to the public. It originated with the Lentz family, who are among the best market gardeners about Philadelphia. We recommend it as containing all the valuable essentials of an early beet. It is nearly as early as the Egyptian and Eclipse, of fine, dark red color, tender and sweet at all times, whether old or young. It has a very small top, and will produce a crop in six weeks from time of planting the seed. It is a keeper. Oz., 5c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 10 lbs., \$5.00; bush., \$8.00.

Phila. Perfection Half-Long Blood Red Beet.

This new variety is an improvement on the Bastian's Half-Long, and is the result of several years of critical selection from it by a prominent market gardener of this city. The engraving, made from a photograph, shows its handsome shape. It is of deep blood red color, with deep, rich, crimson foliage; flesh, fine grained, tender, sweet, juicy and unsurpassed in quality. It is of very quick growth, and is not only one of the best for early use, but also for fall and winter use, being an excellent keeper. Oz., 5c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 10 lbs., \$5.00; bush., \$8.00.



PHILA. PERFECTION
HALF-LONG.



Louderback's All Year Round Cabbage.

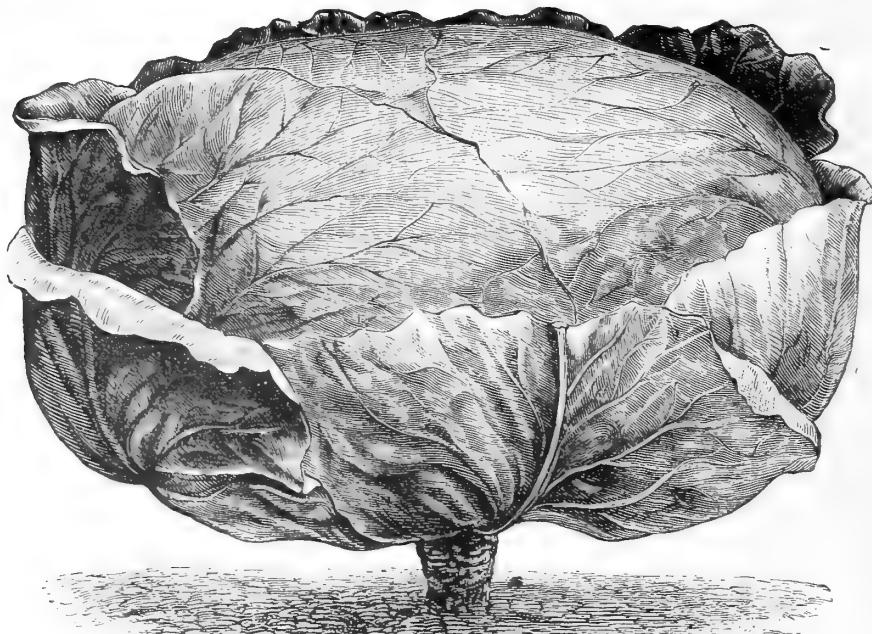
We feel a pride in being the first seedsmen to offer to the public a variety of cabbage with so many valuable points as Louderback's All Year Round. This cabbage originated with Daniel Louderback, one of the oldest and most successful of Philadelphia market gardeners, and has had a great local reputation among his neighbors for several years. It is not only the finest Early Drumhead in cultivation, but is equally as good for second and third early, intermediate and late. It heads large and solid, with very short stem and few outer leaves, unflagging under the hottest sun or heaviest frosts and may be sown successively and continuously during all periods when cabbage is planted. As an all round cabbage nothing we have ever seen approaches it. The seed we offer was grown by Daniel Louderback, the originator. We recommend it to all who desire something *very choice*. Oz., 40c.; 2 oz., 75c.; ¼ lb., \$1.25; lb., \$4.00.



NEW MAMMOTH RED ROCK CABBAGE.

Mammoth Red Rock Cabbage

This fine new variety was originated a few years ago by one of the most successful of Long Island market gardeners. It is the **largest** and **hardest heading red cabbage** in cultivation. The heads weigh from 10 to 12 pounds each, averaging larger than Early Summer, and are very uniform in size, weight, solidity and deep red color. Long Island cabbage growers have been annually paying as high as **\$10 per pound** for the seed and will raise no other kind of red cabbage. It is **extra fine**. Try it. ½ oz., 25c.; oz., 40c.; 2 oz., 75c.; ¼ lb., \$1.25; lb., \$4.00.

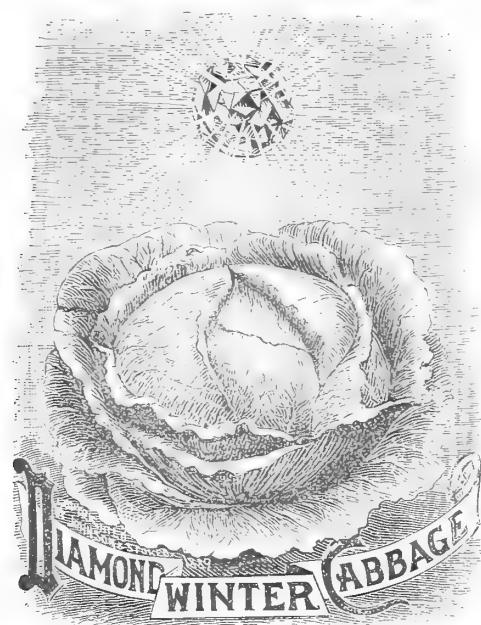


JOHNSON & STOKES' MATCHLESS LATE FLAT DUTCH.

Johnson & Stokes' Matchless Late Flat Dutch Cabbage

In this new strain of late cabbage we believe we have combined every good quality essential to perfection. It is the result of several years' continued selection for our seed stocks of the most perfect and largest heads, with low stocks, and especially those that show greater earliness in heading, with few outer leaves, and of very uniform color. By such persistent selection, year after year, we have a highly improved strain, pronounced by experienced cabbage growers and market gardeners, who, after three years' trial, now grow it in preference to all others for a main crop, *the finest strain of late cabbage in the world.* It grows larger and weighs heavier than any other variety, never fails to make perfect, solid head, and is most uniform in size and color. We can honestly recommend this superior sort to all growers as standing alone and unequalled by any other late cabbage. Oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 2 lbs., \$4.50.

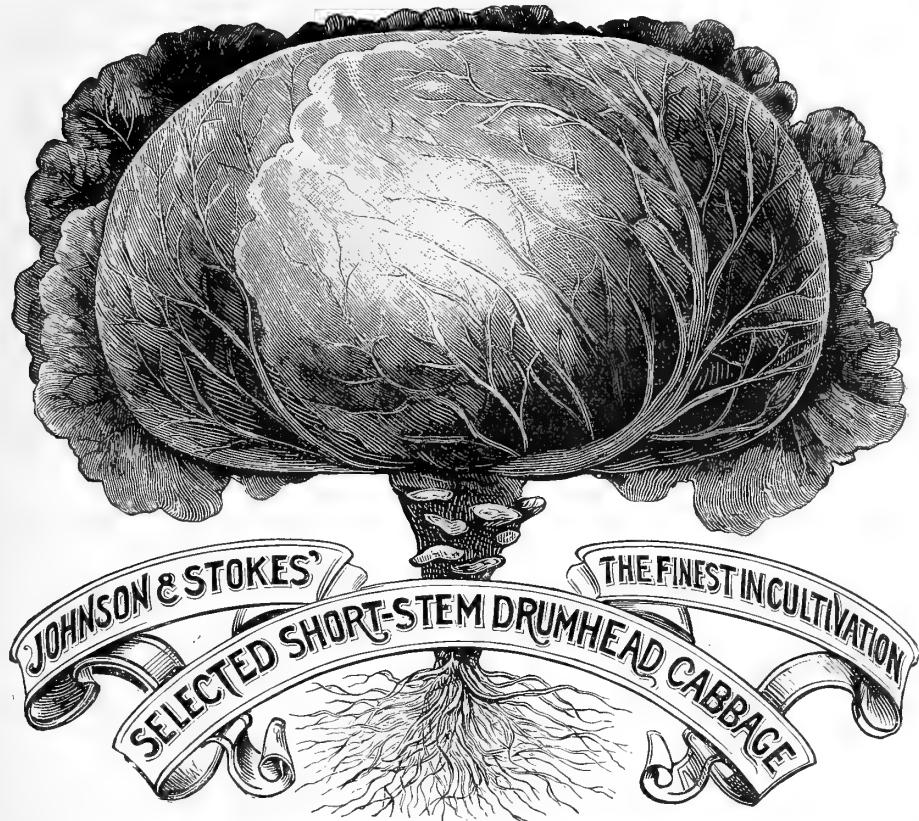
For Testimonials, see page 34, Johnson & Stokes' Garden and Farm Manual for 1890.



NEW DIAMOND WINTER CABBAGE.

In the **NEW DIAMOND WINTER CABBAGE**, we have a strain entirely distinct from any other, viz.: a cross between Short Stem Drumhead and Danish Round Winter. Our customers well know the many valuable characteristics of the former, while as to the latter, it is a universally admitted fact that it is the best, heaviest and most solid heading sort grown in Europe. It has cost the originator, a prominent Long Island market gardener, seven years of constant unremitting care to select and fix this truly fine type of winter cabbage.

The **NEW DIAMOND DRUMHEAD** combines all those qualities so desirable to an experienced market gardener to render a late cabbage perfect in every respect, viz.: size, weight, quality, sure-heading, and a long keeper. It grows very compactly, the stem is short and it can be planted closer together than any other late variety; besides this it does not crack open. The heads will average from 15 to 18 pounds in weight after they are trimmed for market; they grow very uniform in size and shape and present a handsome appearance to the eye. In fact, one head is almost an exact duplicate of the other. They are extra hard, solid, round and somewhat flattened on top; possess a fine, small rib and are always of the finest possible quality and a sure header. Oz., 40c.; 2 oz., 75c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.



Johnson & Stokes' Short-Stem Drumhead Cabbage.

This improved variety *far surpasses* the old strain of Large Late Drumhead Cabbage, ripening *earlier*, with very short stock or stem, forming *larger* and *thicker* heads, of fine quality and the best of keepers. Owing to our long continued selection for several years past, this variety is remarkable for *reliability of heading*; everyone who plants it can expect at least ninety-eight large solid heads from every one hundred plants. Our customers in the South, and in all other sections where many varieties fail to head, will find the Short-Stem Drumhead a sure thing and can depend on big crops every time. It *heads the list* of the winter Drumheads. Oz., 25c.; 2 ozs., 40c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 2 lbs., \$4.50.

LEE'S SAVOY CABBAGE.

Market Gardeners' Private Stock.

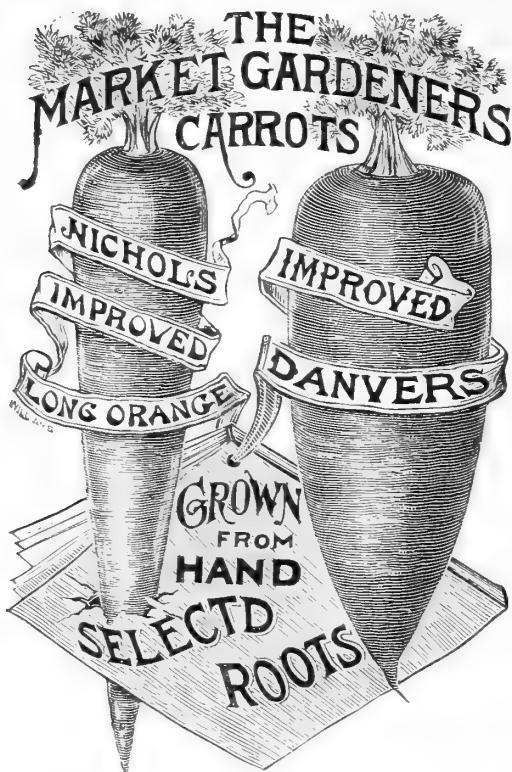
This is unquestionably the best strain of Savoy Cabbage to be had anywhere to-day. The heads are large, of a very deep green color, very curly and sure to head, keeps well and retains its color until very late in the season. Every plant will produce a very hard head, and each head so perfect that they will nearly all be alike. It is the best selling market variety we know of, owing to its exceptionally fine quality and handsome appearance. Every one who marks Savoy Cabbage should plant no other sort. Oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

American Perfection **Drumhead Savoy Cabbage.**

While we do not recommend this as highly as our celebrated Lee's Savoy, still it is a very choice and carefully selected strain of American stock, and will be found superior to that offered by many seedsmen under this name. We have sold this strain for years with the most satisfactory results, and it will give good satisfaction to any one who may plant it. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 2 lbs., \$3.75.



LEE'S SAVOY CABBAGE. FROM A PHOTOGRAPH.



Nichols' Improved Long Orange Carrot.

We procured this stock, now offered for sale for the first time, from Mr. Robert Nichols, who for many years has been one of the most successful market gardeners of this city. The strain is **earlier** than either the well-known Danvers or Long Orange as usually sold. The color is of a **deep golden orange** when no thicker than an ordinary lead pencil, shading to a **deep orange red** when fully grown. The root is **perfectly smooth** from the shoulder to the extreme tip, and entirely devoid of side rootlets in **all stages of growth**. It grows without any neck whatever, the top is short, and this, together with its **extreme earliness**, admirably fits it for growing in hot-beds.

We pronounce it a superb carrot, either for early or late use. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.; 2 lbs., \$1.50; 5 lbs., \$3.50.

Improved Danvers Carrot.

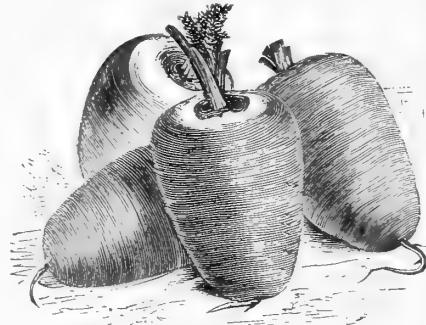
Our pure American stock of this valuable variety is preferred by many market gardeners to any other sort for forcing under glass. The top is very small; color of a rich shade of orange; shape **very handsome and smooth**; quality the very best. One highly valuable feature of our strain is that it has its full color when quite young. Oz. 10c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.; 2 lbs., \$1.30; 5 lbs., \$3.00.

New Rubicon Half Long Carrot.

In the Rubicon we have an entirely new and distinct American carrot; very symmetrical in shape, and of a dark orange color, selected and perfected by a Connecticut gardener. The stock is so finely bred that the carrots have attained such uniform shape that they are almost exact duplicates of each other. It is earlier than the Danvers and about the same length; the leaves are one-third shorter, fewer and finer than this well-known sort; these features make it extremely well adapted to growing under glass. It is a splendid sort, however, for growing outside at any season of the year. It grows without neck, the crown is hollow, and it grows well under the ground, which prevents it from becoming sunburnt—a very important feature. Our customers will find the Rubicon a decided acquisition and need have no hesitation in planting it largely. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 2 lbs., \$2.25.

Red Parisian Forcing Carrot.

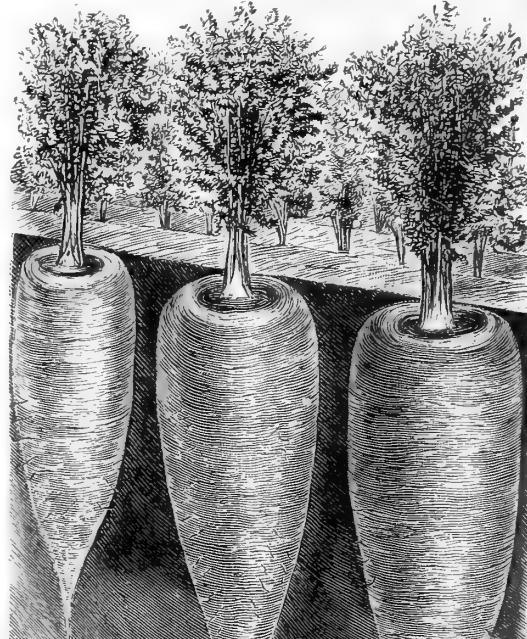
A new and very distinct variety, from France, now offered for the first time in America. It is the earliest of all carrots, forming roots much quicker than the well-known **French Forcing**. It has a fine neck; leaves short and erect; quality excellent. Oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.



EARLY OX-HEART OR GUERANDE CARROT.

Ox-Heart, or Guerande Carrot.

Market gardeners should plant more of this fine early sort than they do. We recommend it highly for either early or late planting: its yield is enormous. In length it is intermediate between the Short Horn and the Danvers, but much thicker than the latter. Both its color and quality are all that can be desired in a carrot. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

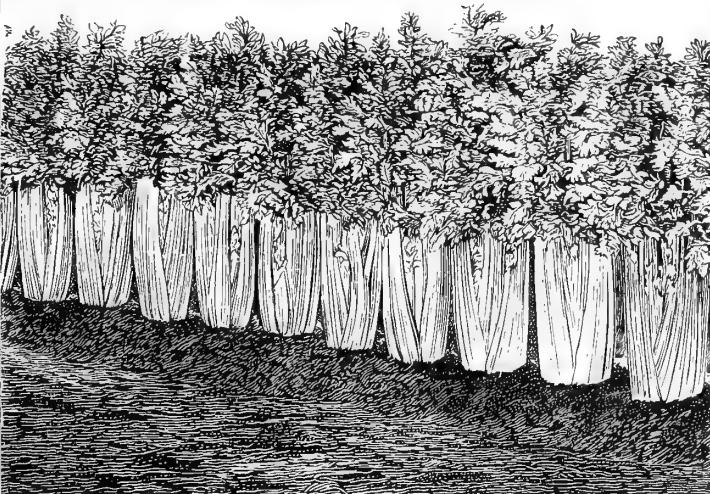


RUBICON
HALF
LONG CARROT

S. J. STOKES,
COPRIGHT, 1886.
JOHNSON & STOKES.



JOHNSON & STOKES' GOLDEN SELF-BLANCHING.

Oz., 35c.; $\frac{1}{4}$ lb., \$1.00; 1b., \$3.50.**NEW * GOLDEN * SELF-BLANCHING * CELERY**

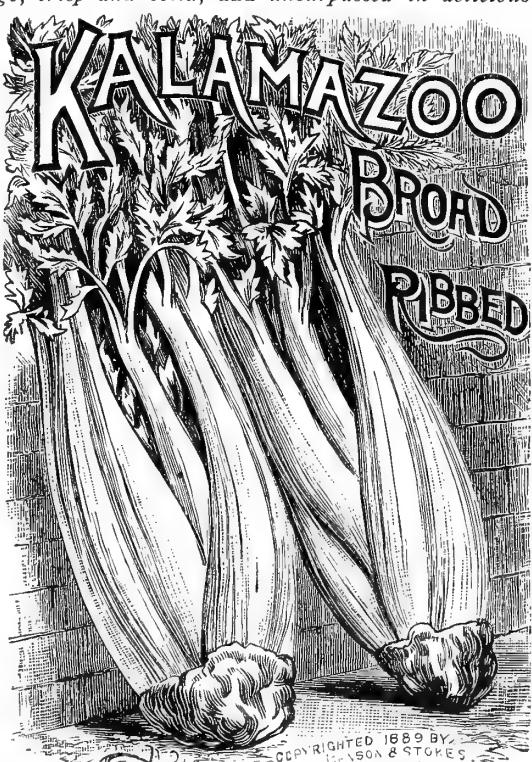
This new variety, which we first introduced to the American public in 1883, we can recommend to our friends and customers with great confidence. It is pronounced by all our market garden patrons who have grown it on our recommendation, the *very best celery in cultivation*. Unlike other self-blanching varieties, it is a good keeper. Our illustration above will give some idea of its *handsome form* and even growth, reaching a very large size, but very stocky and robust. The stalks grow vigorously, with large ribs, very thickly and closely set. It is *entirely self blanching*, without any banking up or covering whatever, even the outer ribs assuming a yellowish-white color of a very fresh and pleasing appearance. The heart is of a *beautiful golden yellow color*, *very large, crisp and solid*, and *unsurpassed in delicious*

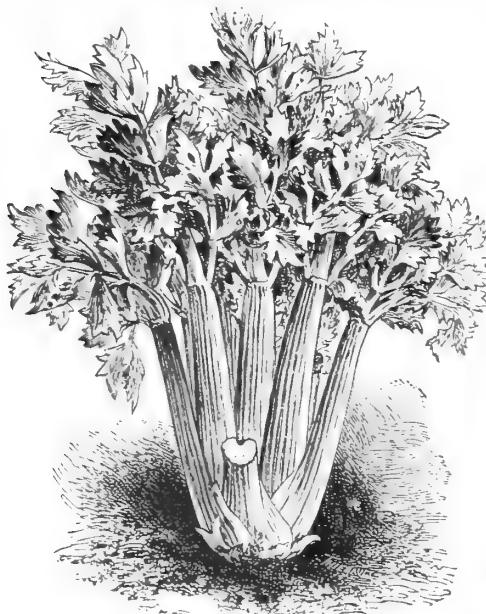
quality and flavor. It is unequalled in appearance on the table or market stall. Beware of mixed and spurious seed of this variety. It is such a shy seeder that we have never yet been able to grow enough seed to supply the demand. We are glad to state, however, that this season we have been successful in growing the best supply we have ever had, and hope to be able to fill all orders at our very reasonable prices. *Each package contains our trade label.* Oz., 35c.; $\frac{1}{4}$ lb., \$1.00; 1b., \$3.50; 2 lbs., \$6.50.

KALAMAZOO HALF DWARF *
*** BROAD RIBBED CELERY.**

This new variety, which we last season offered for the first time, originated with a prominent celery grower at Kalamazoo, Michigan, and is pronounced by what few gardeners who have been fortunate enough to obtain the seed: "**The most perfect type of Half Dwarf White Celery known.**"

It is very distinct and handsome, of a beautiful cream white color throughout, attains a very large size, of quick growth, stiff and close habit (as shown in our illustration), is remarkably solid, crisp eating and fine flavored. Ribs are very broad, thickly and closely set, while by reason of its neat growth and shovy appearance, it is a specially valuable variety for market. It is also a first-class keeper, remaining fit for use as long as the Golden Dwarf and other good keeping sorts. For the use of hotels, restaurants and other large establishments it is superior to most other kinds, there scarcely being any waste in dressing it for the table. It has such a distinctive appearance in growth as to cause almost every one seeing it to exclaim: "What celery is that?" Long rows of it being as level and even as though each plant had been shaped in the same mould. It is sure to take the lead, and market gardeners and private planters will make no mistake in planting it largely. Oz., 35c.; $\frac{1}{4}$ lb., \$1.00; 1b., \$3.50; 2 lbs., \$6.50.

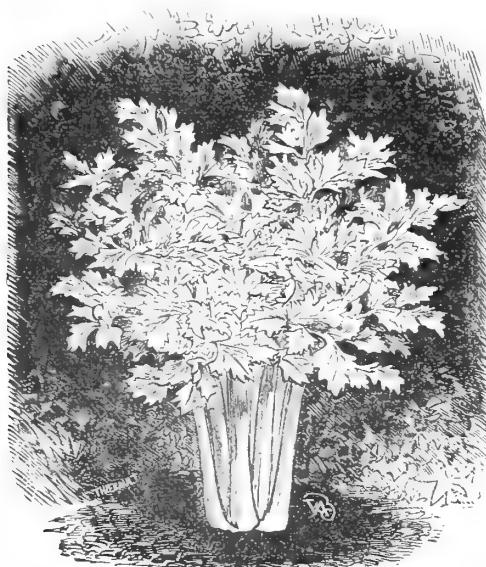
COPYRIGHTED 1889 BY
JOHNSON & STOKES.



Giant Pascal Celery.

New Giant Pascal Celery.

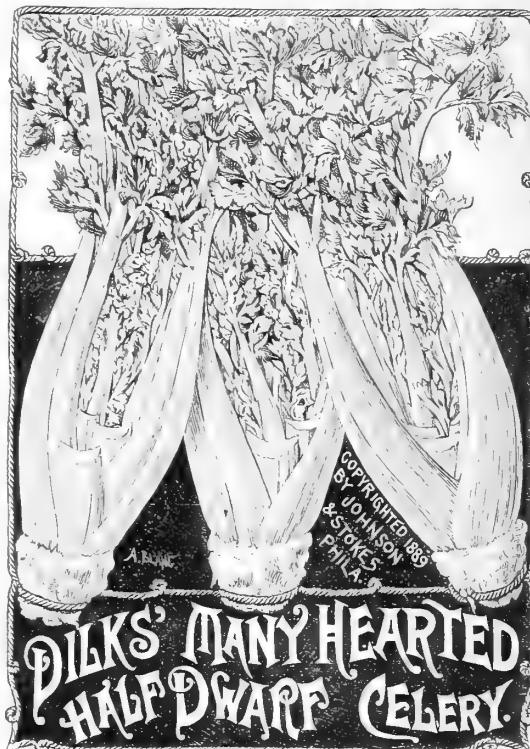
This variety is a selection from our Golden Self-Blanching Celery, which has become so popular in the last few years; it partakes of the best qualities of that variety but is somewhat larger and a better keeper. It is of a fine, nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick and crisp; the width and thickness of these are distinctive features of this variety. It bleaches with but slight "earthing up," and very quickly, usually in 5 or 6 days. The heart is golden yellow, very full and attractive in appearance. Pkt., 15c.; oz., 75c.; 1/4 lb., \$2.50.



White Plume Celery.

WHITE PLUME CELERY (Extra Select.)

Each year adds to the popularity and value of this variety. Like our *Golden Self-Blanching*, it requires very little earthing up to blanch it, and although its keeping qualities are not equal to our *Golden Self-Blanching*, yet as a celery for the fall and early winter use it is unsurpassed. Our strain of this variety is closely selected each year and will be found entirely free from green celery, so prevalent in much of this seed sold. Market gardeners who purchased from us the past three years are unanimous in pronouncing our "White Plume" the best and purest they can get. Oz., 30c.; 1/4 lb., 90c.; 1 lb., \$3.25; 2 lbs., \$6.00.

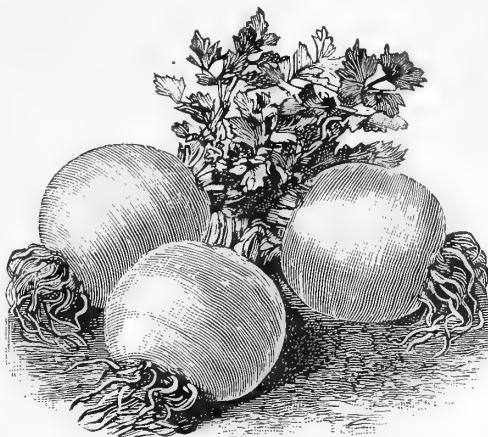


DILKS' MANY HEARTED CELERY.

This fine new celery, now offered for sale for the first time, comes to us from Mr. Geo. Dilks, a noted Philadelphia market gardener, and is without doubt the most remarkable novelty in celery obtained since the introduction of our *Golden Self-Blanching*, in 1883. It originated from one stalk found growing in a field of *Golden Dwarf*, in 1884. It is very distinct in appearance, being much stouter, thicker and heavier near the root than any other variety. We have seen four stalks in a bunch weigh thirteen and a quarter pounds, and entirely cover the top of an ordinary flour barrel. This celery has never shown a burnt or dry leaf or a soft or spongy stalk in the most trying season. It surpasses all other celeries in keeping qualities, having for a few years past been sold in our markets as late as the last of May, after *Golden Dwarf* and all other varieties were done. Mr. Dilks has always realized fully 40 per cent. more for his whole crop of this variety than any other celery grown. We have arranged with the originator for his entire crop this season and the seed can only be obtained from us. Pkt., 15c.; oz., 45c.; 1/4 lb., \$1.25; 1 lb., \$4.50.

Celeriac, * or * Turnip-Rooted * Celery.**EXTRA LARGE SMOOTH PRAGUE.**

The largest, smoothest and best of the celeriacs. It has small leaves, a fine neck, may be planted very thickly, and will yield a heavy crop. A valuable variety for market, on account of its fine regular form and excellent quality. All the side rootlets are produced on the taproot, which makes it very easy to clean. Oz., 20c.; $\frac{1}{4}$ lb., 70c.; 1 lb., \$2.50.



NEW EXTRA LARGE, SMOOTH PRAGUE CELERIAC.

FREE PREMIUMS FOR 1890.

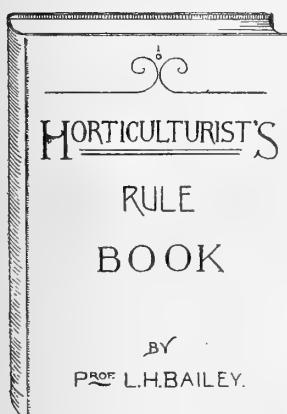
A Notable New Book Free as a Premium to our Market Garden Patrons.

THE HORTICULTURIST'S RULE BOOK.

BY PROF. L. H. BAILEY.

Corresponding Editor of the American Garden, Horticulturist of the Cornell Experiment Station and Professor of Horticulture in Cornell University.

Price, bound in flexible cloth cover, \$1.00; or given as a Free Premium with every order, for vegetable seeds by the ounce, pound, pint, quart or peck, to the amount of \$5.00 and over.



This valuable book which no Market Gardener or Trucker can afford to be without, contains in handy and concise forms all the rules and recipes required by truck gardeners, florists, fruit growers, etc. Bound in flexible cloth covers, and designed as a pocket companion. The following will convey a partial idea of the scope of the book.

A complete list of insecticides, with directions for preparing and applying them.

A large list of injurious insects, with statements of the injury they accomplish, and the best remedies.

A complete list of fungicides, or remedies for plant diseases.

A list of diseases affecting plants, with remedies.

An extended series of chemical analyses of garden plants, fruits, fertilizers, seeds, etc.

Tables showing longevity of seeds, quantity required to the acre, weights of given quantities, proper distances for planting fruits and vegetables, etc., etc.

Recipes for all kinds of grafting waxes, and tree washes for destroying mice and rabbits, for making perfumes, etc., etc.

Methods of propagating plants.

Germinative periods of different species.

Glossary of horticultural terms.

Statistics of horticulture, the vegetable kingdom, and all that specific information which the busy cultivator likes to have in his mind and at his tongue's end.

NEW SEEDS FREE FOR TRIAL.

For some years past we have, each season, distributed free, for trial among our customers, packages of **New and Improved Varieties**, previous to their introduction. Some of our most **valuable Novelties** have been first sent out in this way, by which means they were tried in all sections of the country, thus enabling us to offer them the next season with greater confidence, when reports were entirely satisfactory. We shall follow the same plan in 1890, and have again put up a number of most distinct novelties among which are a very fine **New Lettuce** originated by one of our best Philadelphia market gardeners, a valuable **New Celery**, an entirely new and distinct **Foreign Onion**, and the new **Cumberland Red Tomato**, which in our trials the past season eclipsed all other varieties in size, productiveness and fine quality, fully equaling, if not surpassing the now famous Brandywine. These novelties have never been offered for sale, and will not under any circumstances be sold this season, but we shall be glad to add one or more packages **free of charge** to all customers whose orders indicate an interest in new varieties. All who deal with us will be treated liberally. We shall also be glad to receive samples for trial from any of our customers who have new or superior varieties unknown to the general public.

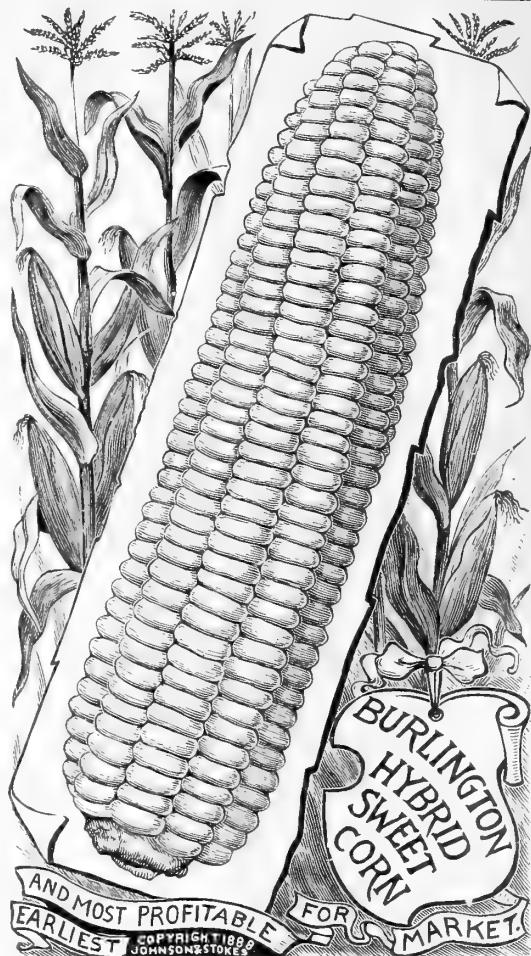
BURLINGTON

HYBRID SWEET CORN.

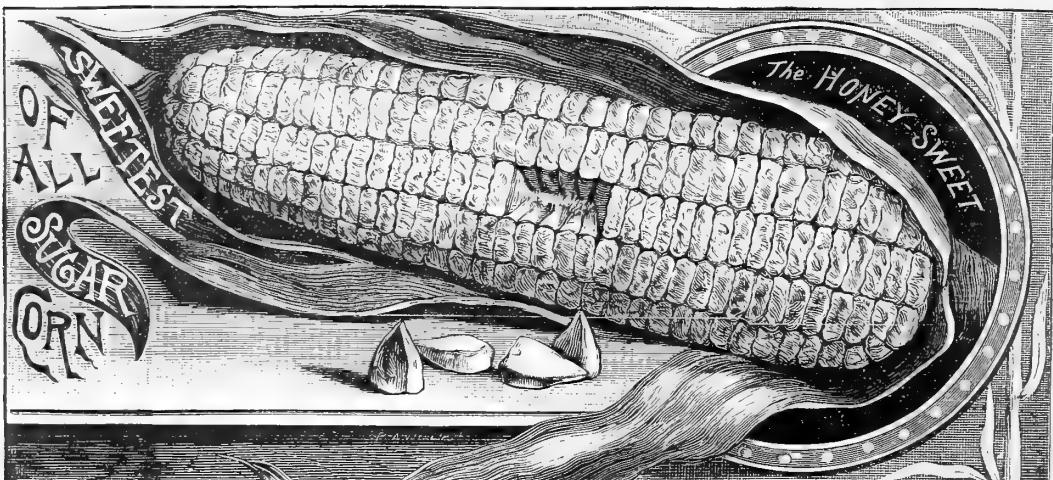
There is nothing in this Catalogue more worthy of the careful consideration of market gardeners than this new corn, and we felt highly gratified in being the first seedsmen to offer it to the public, in the spring of 1889. It is not an untried Novelty, having been grown for several years, with great profit, by a few truckers of Burlington County, N.J., who have kept the stock closely guarded among themselves, they positively refusing to sell seed to anyone. It is a cross between Adam's Extra Early and some large-eared productive variety of sugar corn. Its great market value can be readily seen, from the fact that it is **nearly as early as the Adam's**, with an ear fully as large as Stowell's Evergreen, and **more productive** than either, producing equal to the most prolific field corn. Although not legitimately a sugar corn, yet the husks, blades, and ear in a green state exactly resemble the sugar varieties, and it sells readily in market as a sweet or sugar corn. It is, however, of much better eating quality than the Adam's. When dry, the grain is smooth and of a creamy-white color. The stalks grow to a height of about five feet and very compact, admitting of closer planting than any other variety; the ears begin to set low down and are borne three to four to a stalk. Qt., 35c.; peck, \$2.00; bush., \$7.00.

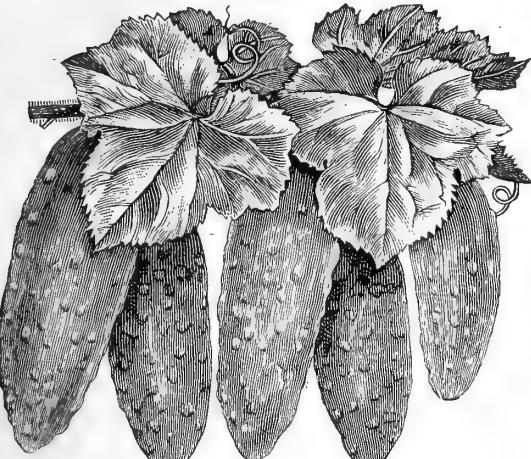
THE CORY CORN.

After carefully testing this new variety, we were the first to offer it four years since: grown side by side with Marblehead and other early varieties it leads them all by *fully a week*. It will produce good ears for boiling in *fifty-two days from planting*. It has a larger kernel than the Marblehead, and is quite distinct, being whiter in color. Market gardeners who have grown the Cory Corn, have completely controlled the early market. Our stock comes directly from Mr. Jos. Cory, the originator. Qt., 40c.; peck, 90c.; bush., \$3.00.

THE HONEY SWEET CORN.

Nothing we have ever introduced has elicited from market gardeners such enthusiastic praise in all parts of the country. It is pronounced by every person who has eaten it the *sweetest of any* they have ever tasted. It originated with a German market gardener, near Allentown, Pa., who had the reputation of bringing the finest and sweetest corn to that market, for which he realized fabulous prices. In growth and appearance it is unlike any other variety, the husks and stalks being of a deep red color during growth, while the corn itself is of a beautiful creamy white, much shriveled when dry, with deep grain and small cob. It is also a most productive variety, bearing three to four good large ears to a stalk, growing vigorously, and coming in as early as Moore's Concord. Qt., 30c.; peck, \$1.50; bush., \$5.00.

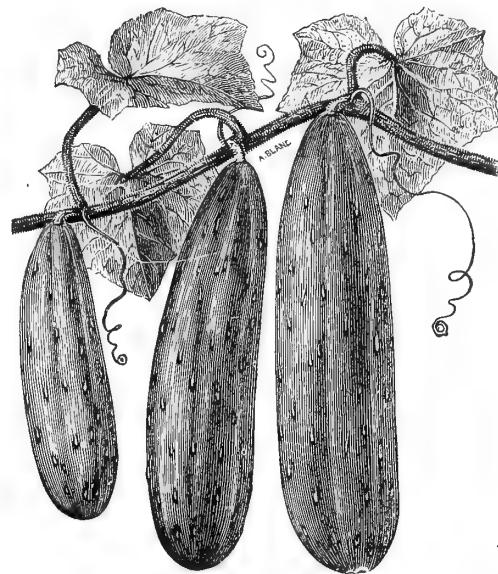


MARKET
GARDENERS'NORTHERN
GROWN.

JERSEY EXTRA EARLY PROLIFIC PICKLE.

Jersey Extra Early Prolific Pickle.

This splendid new variety was originated and selected by a prominent New Jersey pickle grower in the celebrated pickle section on the Delaware River, about 25 miles above Philadelphia, where more pickles are grown than in any other section of the United States. It is ten days earlier than the old Long Green or Jersey pickle and more productive. It is pronounced by growers of thirty years' experience "a perfect pickle in all respects." Oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25; 5 lbs., \$5.00.



IMPROVED LONG GREEN CUCUMBER. (JERSEY PICKLE.)

Improved Long Green Cucumber

(JERSEY PICKLE.)

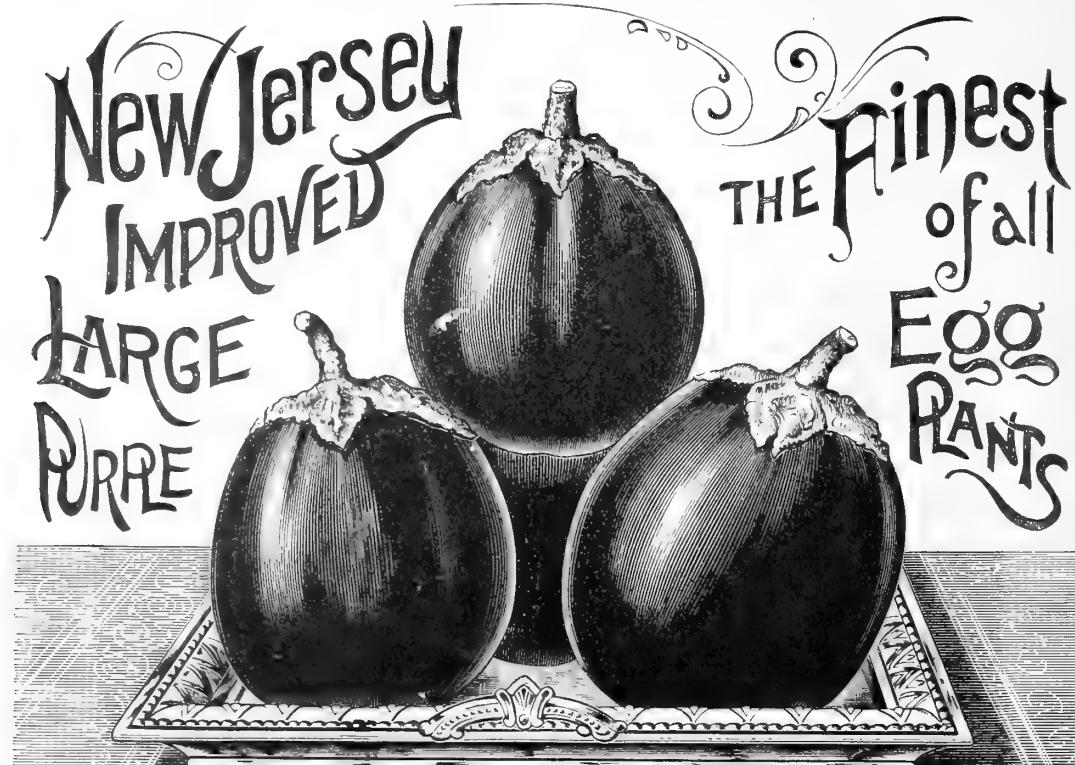
A standard pickling variety: dark green, tender, crisp, productive, of fine flavor and uniform size. Our strain is unsurpassed. We supply each season hundreds of the most critical Jersey market gardeners and pickle growers, with the most satisfactory results. Oz., 5c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 5 lbs., \$2.50.

WESTERFIELD'S CHICAGO PICKLE CUCUMBER.

In recent years Chicago has become the centre of a very large pickling industry. This variety, originated by Mr. Westerfield, a gentleman largely interested in the business, is preferred for pickling by almost every large pickling factory in that city, and for commercial pickles it is one of the best. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.; 5 lbs., \$3.50.

**EVERGREEN WHITE SPINE CUCUMBER.**

We have sold this entirely new and improved strain of this well-known Cucumber for three years, and have received hundreds of letters from customers who purchased the seed, all of whom agree in pronouncing it the handsomest and most productive of any they have ever grown. It differs from the ordinary White Spine in the fact of always remaining of a deep green color in all stages of growth. It grows extra long, of handsome, smooth shape, very early and prolific. It is a very hardy sort and will not turn yellow after being picked from the vine, but will permanently retain its deep green color. The flavor is delicious, the flesh being unusually tender and crisp. As a shipping variety it is superior to any we know of, and its fine appearance always insures "top notch" market price. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00; 5 lbs., \$4.50.



A decided improvement on the New York Large Purple Egg Plant in earliness, quality, size, color and great beauty. By far the best in cultivation. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.00.

MAMMOTH Green Curled Endive

This very beautiful and valuable new sort is the wonder of all who have grown it. A single plant, when full grown, will cover a space of twenty inches in diameter, the growth being very rapid and strong. The leaves are very crisp, numerous, broad, deeply serrated, beautifully curled in every stage of growth, and of a bright, lively green color, with a very small midrib, which is pure white, fleshy and tender. It is so very hardy that it will remain on the ground uninjured in this latitude during the entire winter if given a light covering of hay or straw the same as spinach. It is more tender, profitable and salable than any other existing sort. Oz., 25c.; $\frac{1}{4}$ lb., 70c.; 1 lb., \$2.50.



New Long Standing Winter Endive. *

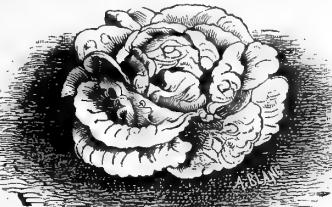
We distributed seed of this new Swedish variety among many of our best gardeners for trial last spring. They all agree in pronouncing it a most valuable and distinct variety, growing fully as large as the New Mammoth Green Curled, but more upright in growth and self-bleaching to a remarkable extent, assuming a beautiful cream white in the centre and blending off to a beautiful pale green. It is extremely hardy, and will stand longer and keep better than any other known sort. We hope all who grow Endive will give it a trial. Accompanying cut was made from a photograph. Seed very scarce this season. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25.

LETTUCES.

Market Gardeners' Private Stocks.

Reichner's Early White Butter or Ridge Lettuce.

This very excellent variety is now offered to the public for the first time. It is the result of several years selection from the Philadelphia Early White Cabbage made by the Reichner's, who are among the best market gardeners around Philadelphia. It is the best forcing lettuce we know of and very valuable for summer on account of its slowness to shoot to seed. It is also the best variety for sowing in the fall, for planting on ridges, being very hardy and requiring only a slight protection; produces fine, large, white, solid heads, of superb quality, and is remarkably early. Philadelphia market gardeners value this lettuce so highly that they will pay almost any price to obtain the seed. No market grower can afford to be without this valuable variety. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; 1 lb., \$2.00.



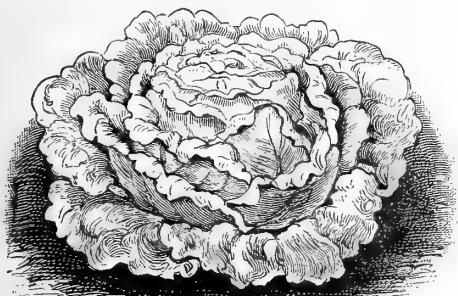
REICHNER'S EARLY WHITE BUTTER.



SALAMANDER LETTUCE.

SALAMANDER LETTUCE.

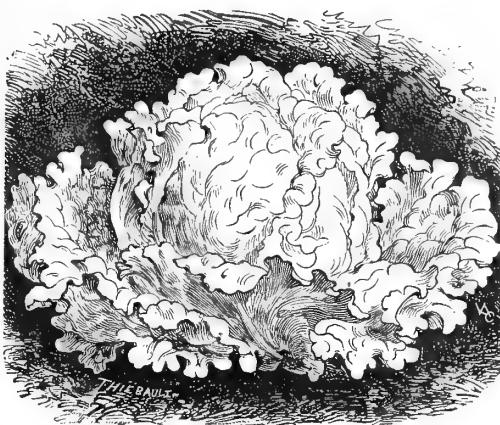
A standard and well-known variety for sowing during spring and summer, as it withstands the hottest summer heat without running to seed, and at the same time producing large, tender heads of delicious quality. Our stock is fully up to the standard, and will give the best of satisfaction. Oz., 15c.; $\frac{1}{4}$ lb., 35c.; 1 lb., \$1.20.



NEW SILVER BALL LETTUCE.

SILVER BALL LETTUCE.

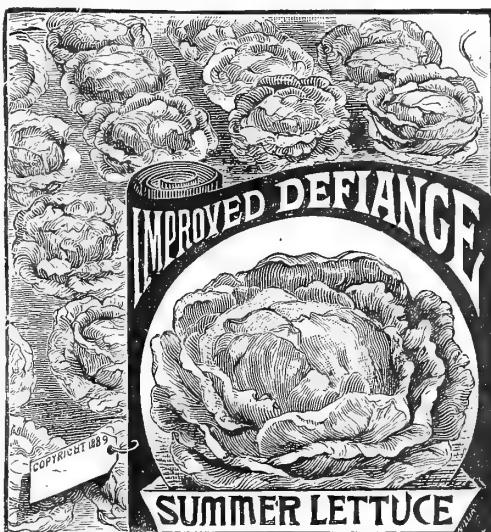
A handsome new variety, already very popular with many of our best market gardeners, head of a silvery white color, very solid and firm, and of exquisite flavor. A splendid variety for spring and summer use, coming early and standing a long time before running to seed. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; 1 lb., \$2.00.



BLOCKHEAD OR SUNSET LETTUCE.

NEW BLOCKHEAD OR SUNSET LETTUCE.

This new variety, which we now offer for sale in America for the first time, comes from France. Paris market gardeners consider it the finest of all the cabbage sorts. We find it distinct from any other variety in its attractive shape, as shown in our illustration, and beautiful golden yellow color. It withstands heat to a remarkable extent, keeps a long time in good fresh condition and ships splendidly. Seed scarce. Pkt., 15c.; oz., \$1.00.



IMPROVED DEFIANCE SUMMER LETTUCE.

Among the few lettuces of merit recently introduced, we place this sort among the front rank of summer varieties for the market gardener. It produces a splendid large, solid head of the cabbage type, remaining in prime condition without going to seed. It is of a light green color, fine quality, crisp, tender, and nearly every plant will make a fine, solid head in the hottest weather, when many other varieties will refuse even to grow. Oz., 15c.; $\frac{1}{4}$ lb., 45c.; 1 lb., \$1.60.



What They Say.

A. I. HARcourt, Chestnut, Ill., October 14, 1889, writes: "The New Lettuce, Longstander Bronze Head, proved the finest we ever raised. The heads were large, rich and tender. The only objection was that they would not go to seed, as I wanted to get the seed for planting again."

E. M. POSEY, Gainesville, Ala., September 15, 1889, writes: "I was much pleased with the new Lettuce, Longstander Bronze Head. Although the seeds were planted late they stood the hot weather better and remained in head longer than any I ever had. The heads were large, firm and of the best quality. Even those left in the seed bed headed and were one mass of balls—a sight to behold. I think it the best lettuce I have ever seen."



New White Russian Summer Lettuce.

This is a new sort of invaluable merit that has been planted by ourselves and by many of our most intelligent market gardeners during the past three seasons. It is pre-eminently one of the best sorts to withstand the extreme heat of long, hot summer months, as it forms beautiful, large, solid heads, without showing the slightest disposition whatever to run to seed. The heads generally have to be cut before any seed-stalk will appear. Of very rapid growth, with few outer leaves; in color it is a very light green, being almost white, and forms a **very large solid head** of the finest quality. All market gardeners who have planted it are enthusiastic in its praise. This lettuce is so distinct that a casual observer could readily discover a single head of it in an acre of any other sort. Stock limited—order early. Oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

NEW LETTUCE—VICTOR DUTCH BUTTER.

Notwithstanding this fine variety is now offered for the first time, it has had a famous local reputation around Philadelphia, where market gardeners have heretofore paid very high prices for the seed. It is most highly prized for early spring and autumn sowing, producing crisp, white solid heads, almost equal to a cabbage; the outer leaves are speckled with a brownish tinge. It is an elegant variety, for growing in cold frames, and stands the heat and cold to a remarkable degree; we regard it as one of the very best and most profitable varieties to grow. Oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Longstander ♦ Bronze ♦ Head ♦ Lettuce.

In offering this new lettuce for sale for the first time, we do not deem it necessary to add any further description than the sample testimonials published on this page, coming from some of our best market gardeners, to whom we distributed the seed for trial last spring. From our own experience and that of these customers we feel fully justified in claiming it to be the **largest, handsomest, most tender and compact in head, and longest standing** of any known **golden bronze color** is well expressed by one of our customers who says: "It looks greasy, as though a fine yellow oil had been poured over it, saturating every part of the head and leaf." Oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

JOHN WETZELL, Reed City, Mich., Nov. 4, 1889, writes: "There are not words in the English language to sufficiently praise your new Longstander Bronze Head Lettuce. It goes to head when very small and continues growing through the whole summer, attaining a size larger than a half bushel. I could not get any of it to go to seed for me, it stood from April until October and never started to seed. It is exceedingly tender and of the best flavor; it looks very greasy like, as though a fine yellow oil had been poured over it, saturating every part of the head and leaf."



NEW WHITE RUSSIAN, THE MOST VALUABLE SUMMER LETTUCE.

PRINTED IN U.S.A. BY JOHNSON & STOKES.



Extra Early Prize Jenny Lind Muskmelon. ✪

THE EARLIEST OF CANTALOUPES.

A carefully selected and improved strain of the well-known Jenny Lind, prized for its great earliness and rapidity with which it sells in market. It is very popular in New Jersey, and already largely grown for New York and Philadelphia markets. Very thickly netted, small size and shape, as shown in the above engraving, made from nature, of excellent flavor and quality. Oz., 5c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 5 lbs. and over, 50c. per lb.

Golden Gem Muskmelon.

(Netted Gem or Golden Jenny.)

This valuable new cantaloupe, first introduced by us, is admitted by prominent melon growers to be one of the very best early varieties now grown. The illustration above, engraved from a photograph, shows their shape, which is nearly round. They grow very uniform in shape and size, weighing about two pounds each, skin green and thickly netted. They are very thick meated, flesh of a light-green color, the inside surface, when cut open, being of a beautiful golden color. In quality and flavor they are *superior*, being uniformly rich, sugary and luscious. They are *extra early* in ripening, the vines keeping green longer and producing better than any variety we have ever known. They sell in markets where known, right alongside of other good varieties, at double price. Oz., 5c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.; 5 lbs. and over, 60c. per lb.

Acme or Baltimore Muskmelon.

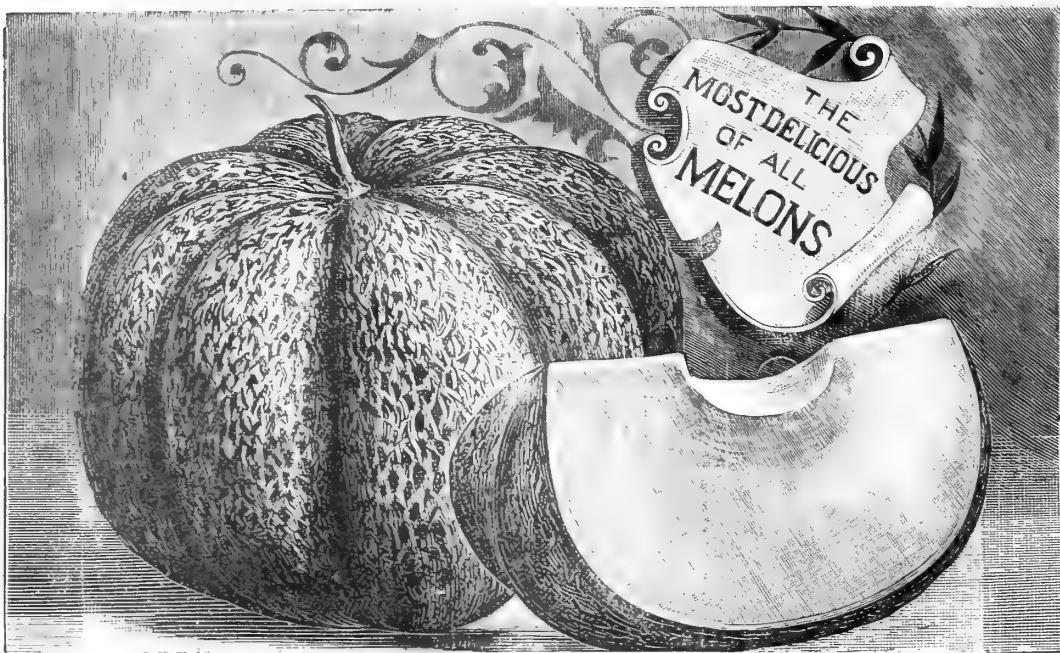
This melon is the most popular of all in Baltimore markets and throughout Maryland, where it is known as Baltimore Citron. It is also becoming prominent in Philadelphia and New York markets, as Acme Cantaloupe, and in its season is now much sought after by the best hotels and restaurants, owing to its handsome appearance and excellent quality. It is quite early, very large and showy, pointed at the end, as shown in the cut above, strongly netted, thick, rich, green flesh. It is unquestionably one of the best and most profitable varieties for shipping to distant markets. Oz., 5c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 5 lbs. and over, 55c. per lb.

New Early Hackensack Muskmelon.

This valuable new variety is ready for market fully ten days ahead of the well-known Hackensack, its progenitor, which it much resembles in size, shape and quality. The melons are almost equal in size to the old Hackensack, weighing from five to ten pounds each. It is also very productive, averaging from five to six melons to the vine, all of which are very deeply netted. Its carrying and shipping qualities are equal to those of any known variety. Oz., 5c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.; 5 lbs. and over, 60c. per lb.

Chicago Market Muskmelon.

A superior market variety, developed by Mr. A. Colvin, a well-known Chicago gardener. It is by far the most popular green-fleshed Nutmeg in Chicago and other Western markets, and is steadily growing in favor in the East. It comes quite early for such a good-sized melon. Very uniform in size, deep green flesh of excellent quality. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.; 5 lbs. and over, 60c. per lb.



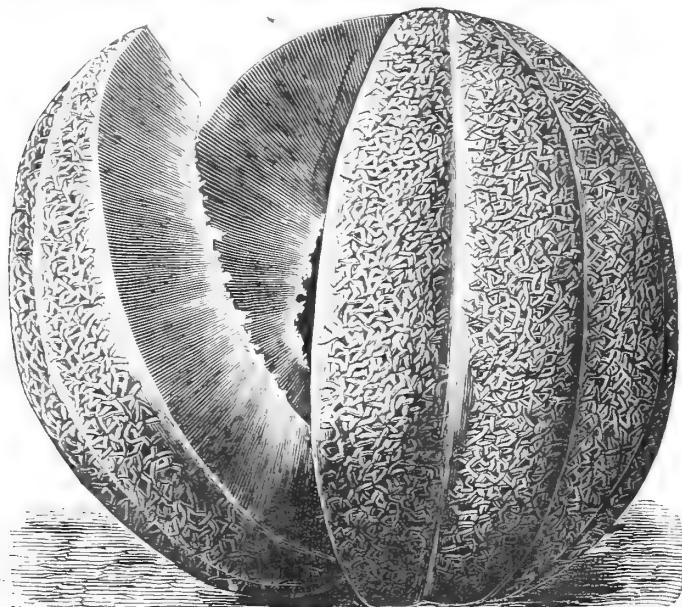
THE PRINCESS MUSKMELOON.

We feel justly proud of having been the first seedsmen to offer to the public a new variety of such *extraordinary value*. IN 1888 and 1889 OVER ONE THOUSAND MARKET GARDENERS PRONOUNCED THE PRINCESS TO BE THE FINEST AND SWEETEST OF ALL MELONS. It is quite distinct from all other varieties, and possesses so many strong points of superiority that it must speedily become the most popular variety for family and market purposes. The Princess is a chance seedling, discovered some years since by one of our customers, a large melon grower near Boston, who claims to have sold them as high as \$2.50 each to fancy restaurants in Boston, owing to their extremely *handsome appearance, wonderful weight and thick flesh when opened*. Our engraving, made from nature, shows their shape, which is nearly round, with heavily-netted dark green skin; the flesh is of a rich salmon color, thicker than in any other melon, and in flavor is *sweet and luscious beyond description*. They ripen early and grow to good size, frequently weighing eight to ten pounds each. The vines grow vigorously and are very productive. We have counted eight perfect melons on a single vine. By far the best and most profitable melon that can be grown. Oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50; 2 lbs., \$2.75.

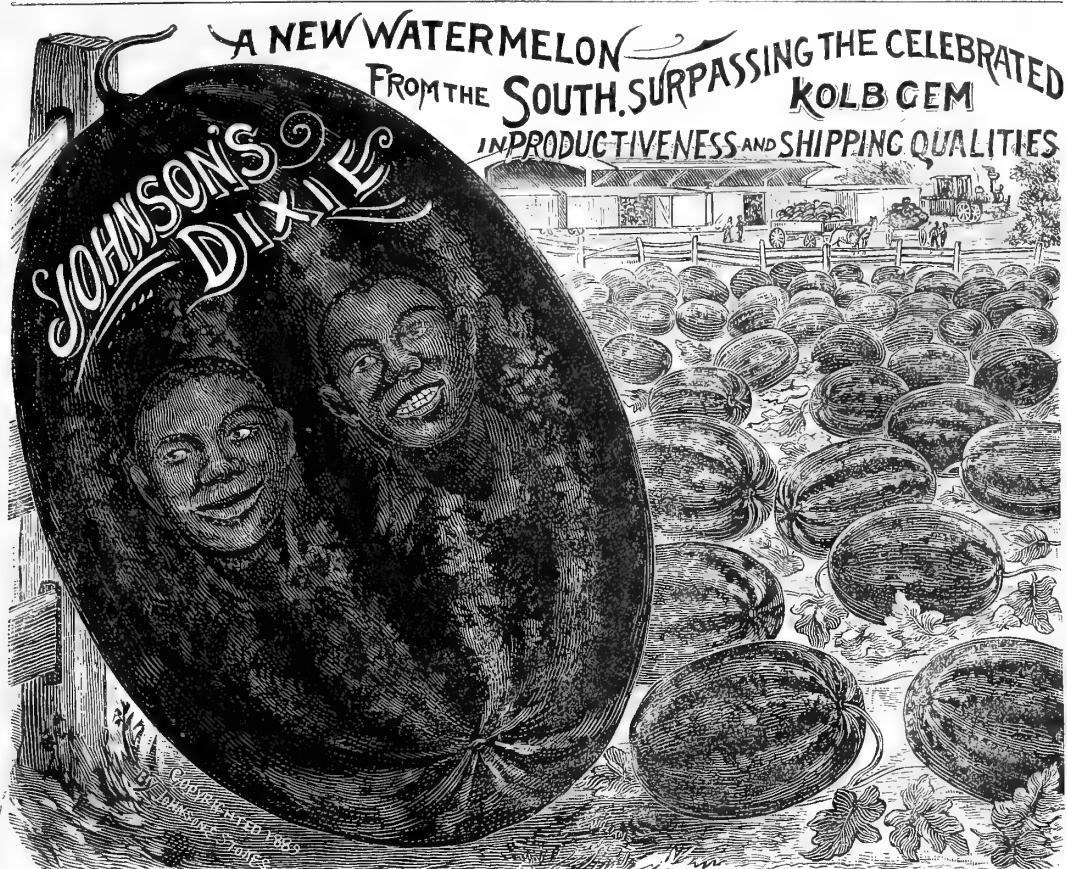
The Osage Muskmelon.

No variety of muskmelon has ever advanced in popularity and become so widely known in such a short time as this variety. The past summer has been only the third season in the Chicago market, but it is now the favorite sort in all of the leading hotels and restaurants, and is also well known by all commission men and largely by the general public, being offered on the hotel and restaurant bills of fare under its own name—"OSAGE."

THE OSAGE grows to medium size and is egg-shaped, as shown in our illustration. The skin is very thin, of dark green color and slightly netted. The flesh is of a salmon color, **remarkably sweet** and spicy in flavor, extremely thick and delicious to the rind. The seed cavity is very small. All lovers and shippers of fine melons should try **THE OSAGE**. After the **PRINCESS** we believe it to be the best melon grown. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00; 2 lbs., \$1.75; 5 lbs., \$4.00.



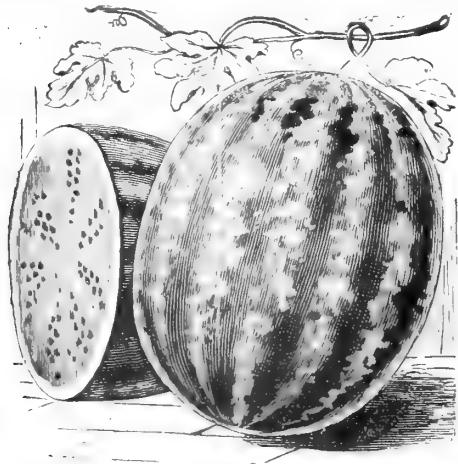
THE NEW OSAGE MUSKMELOON. (FROM A PHOTOGRAPH.)



JOHNSON'S DIXIE WATERMELON. *

A New Southern Variety, Surpassing the Famous Kolb Gem as a Shipper and without a Peer in Fine Quality and Productiveness.

We make the above strong claims for this new melon, the seed of which is now offered for sale for the first time, not only from our own experience with it, but from that of some of the **largest melon growers in the United States**, to whom we sent seed for trial. Our attention was first attracted to this melon by a few appearing on our markets, and selling rapidly at double the price of Kolb Gem or any other variety, owing to their large size, very distinct and handsome, fresh appearance and fine quality. We learned the origin, and afterward made a visit to Mr. Geo. Collins, the originator, one of the largest truck and melon growers of North Carolina, securing from him, at a good round price, all the seed he could spare, and from which our present crop was grown. Mr. Collins states: "I originated this melon by crossing the Kolb Gem and Cuban Queen. They are a week to **ten days earlier** than these well-known varieties, with a remarkably thin rind, almost impenetrable, which preserves it for a great length of time, keeping three times as long as either before showing decay. Its great productiveness is shown from the fact that the past season each vine matured from **seven to eight large melons**, while Kolb Gem and Cuban Queen rarely produced more than two or three. The meat is more scarlet, finer and of much better quality. I have served the best hotels with them, and find the demand much greater than I can supply, being by far the most salable melon I have ever grown." These strong claims have been more than verified the past season both by ourselves and other growers. Chauncey P. Coy, of Nebraska, who is probably the largest melon grower in the United States, his annual plantings amounting to several hundred acres, writes us under date of Sept. 21, 1889: "I have carefully noted your New Melon No. 55 (Johnson's Dixie), and find it very much superior to Kolb Gem, the color is noticeably different, being a much darker green and more beautifully striped, giving one the thought at a little distance of the bloom on a **green gage plum**. The form is longer, while the **quality is away ahead**. The Kolb Gem flesh is rather coarse, while No. 55 is extremely sweet, juicy and tender." Aaron Paul, another well-known and extensive melon grower at Sewell, N. J., says: "Your New No. 55 Melon (Johnson's Dixie), is the only variety that produced anything here this season. Owing to the unusually cold, wet spring and summer all melon crops in this section were a total failure. My small patch of No. 55 were a sight to behold, averaging seven to eight fine, large melons to the vine, while its eating **quality is unequalled** by any other variety known to me. Its fine appearance and shipping qualities are to my mind so much superior to Kolb Gem as to place it beyond comparison. Its extreme hardness to both cold and wet weather is simply wonderful, and I doubt if its equal exists." The supply of seed is so limited this season that we cannot sell more than one pound to any one purchaser. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$4.00.

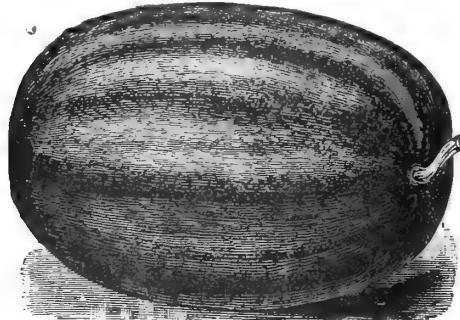


Stokes' Extra Early Watermelon.

This new melon introduced by us, is, without doubt, the *earliest of all*. Our illustration, made from a photograph, shows their shape, which is nearly round, dark green skin, slightly mottled with white. The flesh is deep scarlet, remarkably solid, and in *delicious, sugary flavor* is unsurpassed by any other melon. Their average weight is about fifteen pounds. The seed is very small, being only about half the size of other melon seeds. They are also much *more productive* than the larger sorts, and for a home market are quite unequalled. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Florida Favorite Watermelon.

This variety originated with William Girardeau, one of the most extensive melon growers of Florida, and is a hybrid of the Rattlesnake and Pierson. It is pronounced by all who have grown it, the finest table melon extant; oblong in shape; growing to very large size; rind dark with light green stripes; flesh light crimson, very crisp and deliciously sweet. It ripens ten days earlier than Kolb Gem, Iron-Clad or Rattlesnake. A good melon for home market. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.; 5 lbs., \$3.00.



JOHNSON'S CHRISTMAS WATERMELON.

Johnson's Christmas Watermelon.

This melon introduced by us a few years since has already become a most popular shipping melon for long distances. Hundreds of customers write us every year that they keep until Christmas in perfect condition. Their valuable keeping and shipping qualities are due to a peculiar, hard tenacious coating or outside enamelling of the skin, which also gives them an exceedingly handsome and fresh appearance, even after being kept or allowed to remain on the vines for months after ripening. The flesh is of a beautiful rich scarlet, *very solid and of delicious, sugary flavor*. Its uniform size and handsome, fresh appearance at all times make it a *most salable variety*. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00; 5 lbs., \$4.50.

NEW SEMINOLE WATERMELON.

This new watermelon comes from the same source as the Florida Favorite. In our tests the past two seasons we found it one of the best of melons in quality, growing to an extra large size; extra early and very productive. All lovers of fine melons should give the New Seminole a trial. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.; 5 lbs., \$3.75.

JERSEY BLUE WATERMELON.

This variety has been grown with great profit by a few truckers in Northern New Jersey, where it originated. They grow to a very large size, rather oval in shape, skin of deep blue color, slightly ribbed, with tough rind. Flesh deep scarlet and of fine quality. We recommend them highly as a shipping melon. They sell readily at high prices. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 5 lbs., \$2.50; 10 lbs., \$4.50.



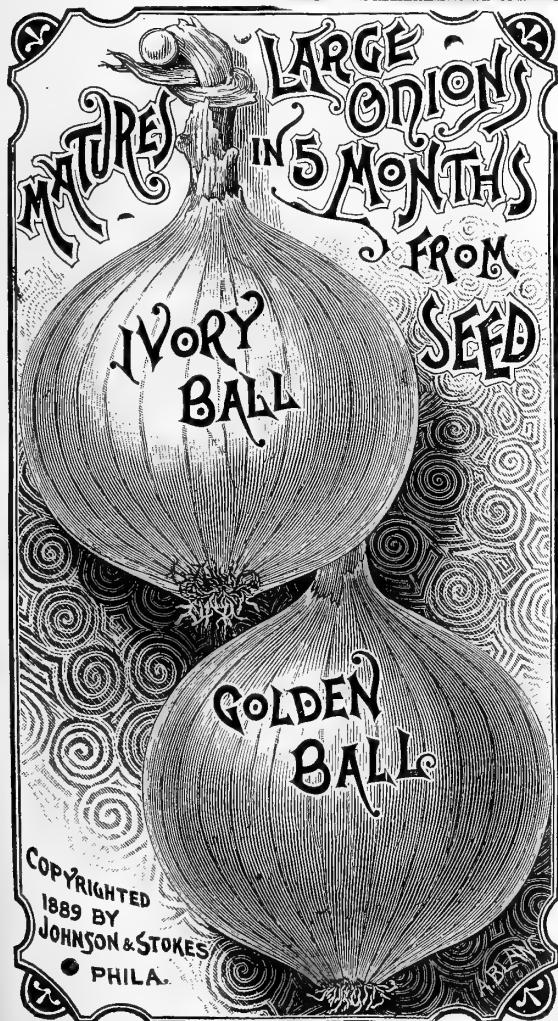
KOLB GEM WATERMELON.

This variety is more largely grown by Southern shippers than any other. It originated with R. F. Kolb, one of the largest melon growers of Alabama, and is a hybrid of Scaly Bark and Rattlesnake. The rind, though quite thin, is very tough, standing handling and shipment long distances without breakage. The flesh is bright red and of excellent flavor. All who grow it pronounce it one of the *largest, most productive, best keeping and shipping melons*. Many of our customers assert that they obtain from twenty-five to forty per cent. more in price for Kolb Gems than for any other variety. Oz., 5c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.; 5 lbs., \$2.25; 10 lbs., and over, 40c. per lb.

SPECIALTIES IN ONIONS.

—THE—

WONDERFUL
KEEPING
+ Onions,
IVORY BALL
AND
GOLDEN BALL.



GOLDEN BALL ONIONS. IVORY BALL.

These highly valuable new and distinct American onions originated with Mr. John R. Williamson, of Ohio, one of the largest and most successful onion growers of that State. Mr. Williamson's onions have been long and favorably known by a few Eastern commission houses as the best in the market, and much sought after late in the season, owing to their excellent keeping qualities, fine appearance, and handsome shape.

The accompanying engravings, made from nature, shows the shape and general appearance. Seed of these varieties are sure to bottom well; in fact, 100 plants, if cultivated properly, will produce 100 fine, perfect, full-proportioned onions, of much better quality and appearance than the Southport Globe varieties. These extra qualities always insure extra prices.

Golden Ball Onion.

The color of the skin is between a golden and a rich brown, flesh of exquisite whiteness, mild, well-flavored, and of unapproachable quality, and occupying the very first rank as a keeping variety. Oz., 25c.; $\frac{1}{4}$ lb., 65c.; 1 lb., \$2.50; 5 lbs., \$12.00.

Ivory Ball Onion.

In size, shape, and keeping qualities this variety is an exact counterpart of our Golden Ball. The skin and flesh, however, are of a pearly whiteness, and so smooth, round and handsome that, to a casual observer, they might easily be taken for billiard balls. It is just as easy to grow as the yellow varieties, and we recommend it to market growers in preference for the reason that white-skinned usually command a higher price than yellow onions. Oz., 30c.; $\frac{1}{4}$ lb., 85c.; 1 lb., \$3.00; 5 lbs., \$14.00.

OUR PEDIGREE

ONION SEED

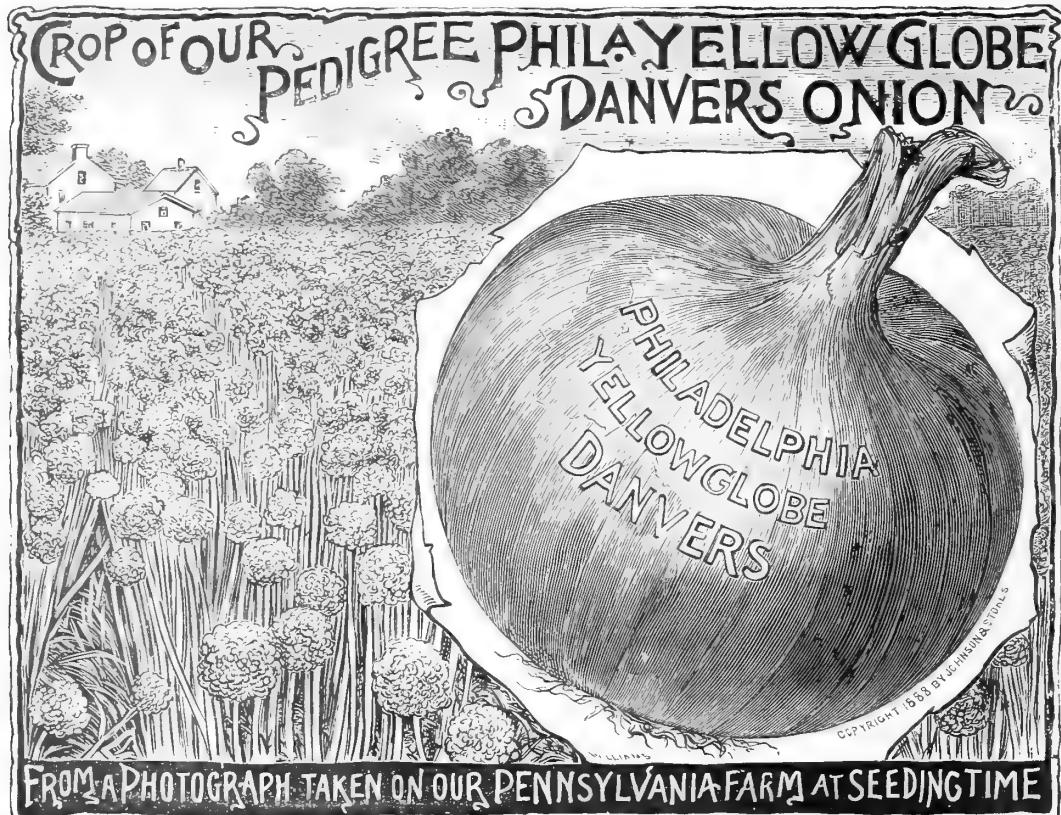


No market gardeners can appreciate the value of **reliable seeds** better than those who have been **once disappointed**, and too much care cannot be exercised in selecting your supply. There is no vegetable where the quality of the seed exerts a greater influence upon the crop than in onions. Our stock is all grown from **choice bulbs, selected carefully by hand, and is unsurpassed in this country**. During our whole business career as **seedsmen**, it has always been our aim to make **quality a first consideration**, price afterwards, and in no one crop have we met with greater reward for our efforts than in onions, the demand for our seed having increased so rapidly that we have been obliged to **double our facilities** for growing every year for several years past.

There is no crop, perhaps, more sure than that of onions. Rich soil, with a good application of manure every year, and proper attention, will almost invariably insure a good crop. Five hundred bushels per acre is a medium crop, while from eight to twelve hundred bushels are not unusual under the best cultivation. There are three varieties of onions commonly raised, namely, red, white and yellow. The yellow ones take the lead, as they are more hardy, grow larger, and bear handling better than either of the other sorts. Onions, unlike most other crops, may be raised on the same ground for an indefinite length of time.

PHILADELPHIA-GROWN SEED, or such raised in that portion of Pennsylvania, is unquestionably **earlier** than New England seed, and still more so as compared with Western seed. This is an important feature, as the early marketed onions always bring the highest prices. The growth conclusively proves the assertion, Philadelphia seed making bulbs of better quality for keeping or immediate use, either as sets or full-sized onions, long before seed from any other locality. Large, full-sized onions can be grown from our seed the first season in any section of the United States, both North and South, at no greater cost than carrots, parsnips beets, rutabagas, or the onion sets themselves, while the net return per acre will be from two to five times as great. Five pounds of seed will sow an acre for this purpose. To grow small sets, fifty to sixty pounds to the acre is required. Please read "What Onion Growers Say," on page 52 of *Johnson & Stokes' Garden and Farm Manual for 1890*.

TESTED.—Our seed is all of 1889 crop, and is unusually plump and heavy, and we have, as is our invariable custom with all our seed, given the seed the most thorough sprouting tests, and find the germinating percentage to average exceedingly high this season.



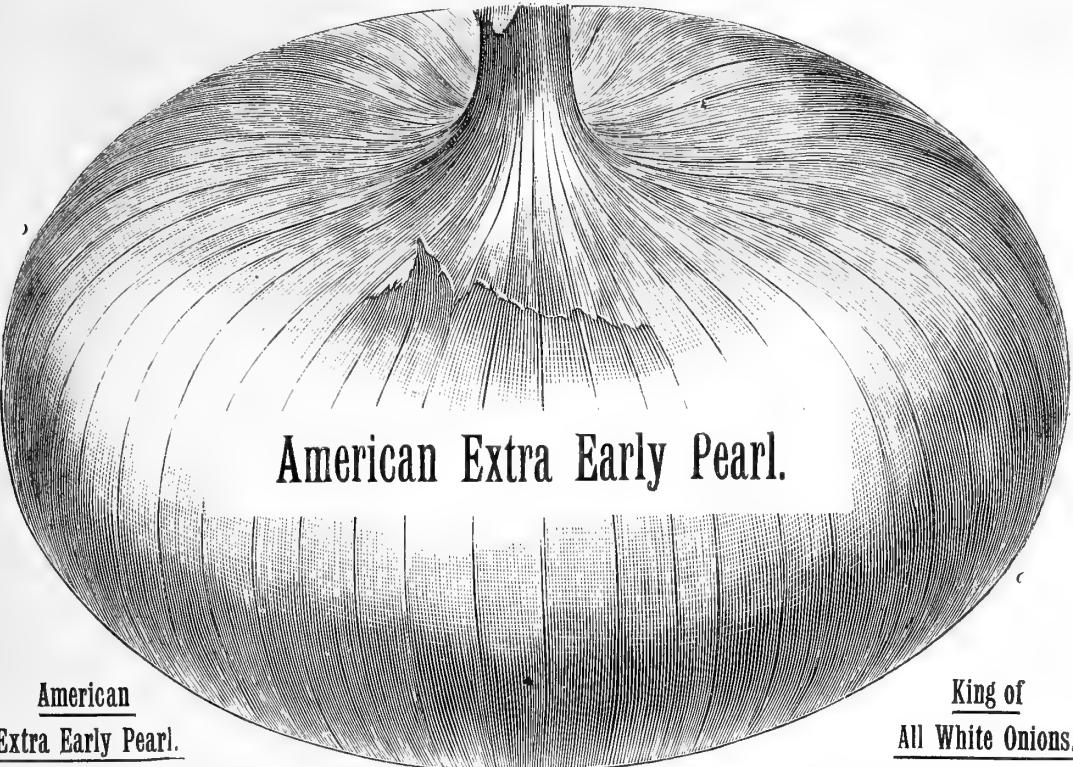
COPYRIGHT, 1888 BY J.C. HIGGIN & STOKES

FROM A PHOTOGRAPH TAKEN ON OUR PENNSYLVANIA FARM AT SEEDING TIME

PHILADELPHIA YELLOW GLOBE DANVERS ONION.

→ PEDIGREE SEED. ←

This **improved** variety is pronounced by all market gardeners and onion growers everywhere, who have tried it, the very best strain of Yellow Danvers in cultivation. It is the **earliest** yellow variety, **largest** in size, **uniformly perfect** in shape, the **largest cropper** and one of the **best keepers** of all American onions. In fact, it is everything that could be desired as a market or table onion. Prices of seed grown from selected, hand-picked bulbs: Oz., 15c.; $\frac{1}{4}$ lb., 35c.; 1 lb., \$1.20; 5 lbs., \$1.10 per lb.; 10 lbs. and over, \$1.00 per lb.



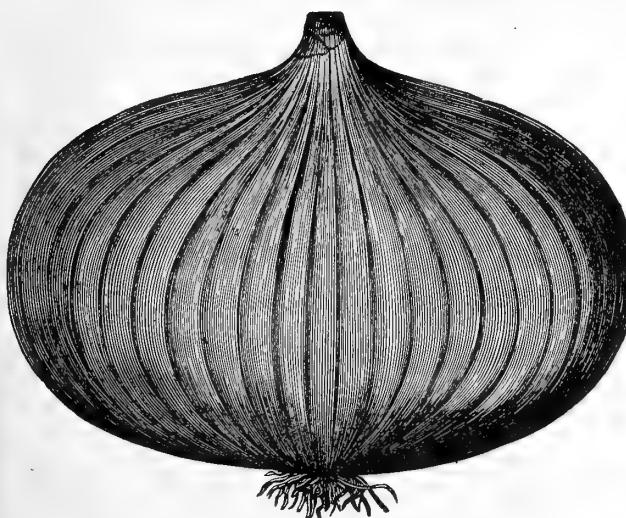
American Extra Early Pearl.

American

Extra Early Pearl.

King of

All White Onions.



EAST LARGEST RED WETHERSFIELD ONION.

Extra Large Red Wethersfield Onion.

Onion growers who prefer the red varieties will find this a magnificent strain, far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form, skin deep, purplish-red, flesh purplish-white, much finer grained than many of the red sorts. Immense crops of this onion are grown each season, from our seed, by some of the largest growers in the United States, who realize the very highest prices for their crops. Oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25; 5 lbs., \$1.20 per lb.; 10 lbs. and over, \$1.10 per lb.

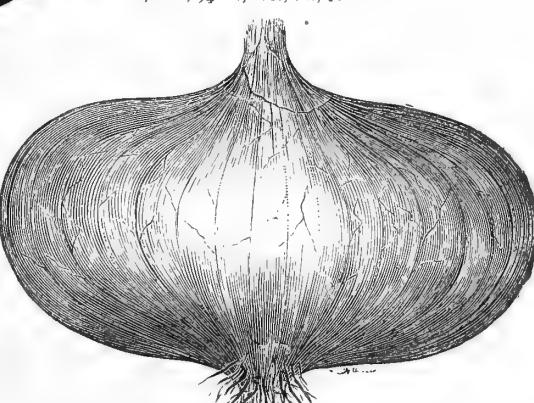
Philadelphia Yellow Dutch or Strasburg Onion.

PEDIGREE SEED.

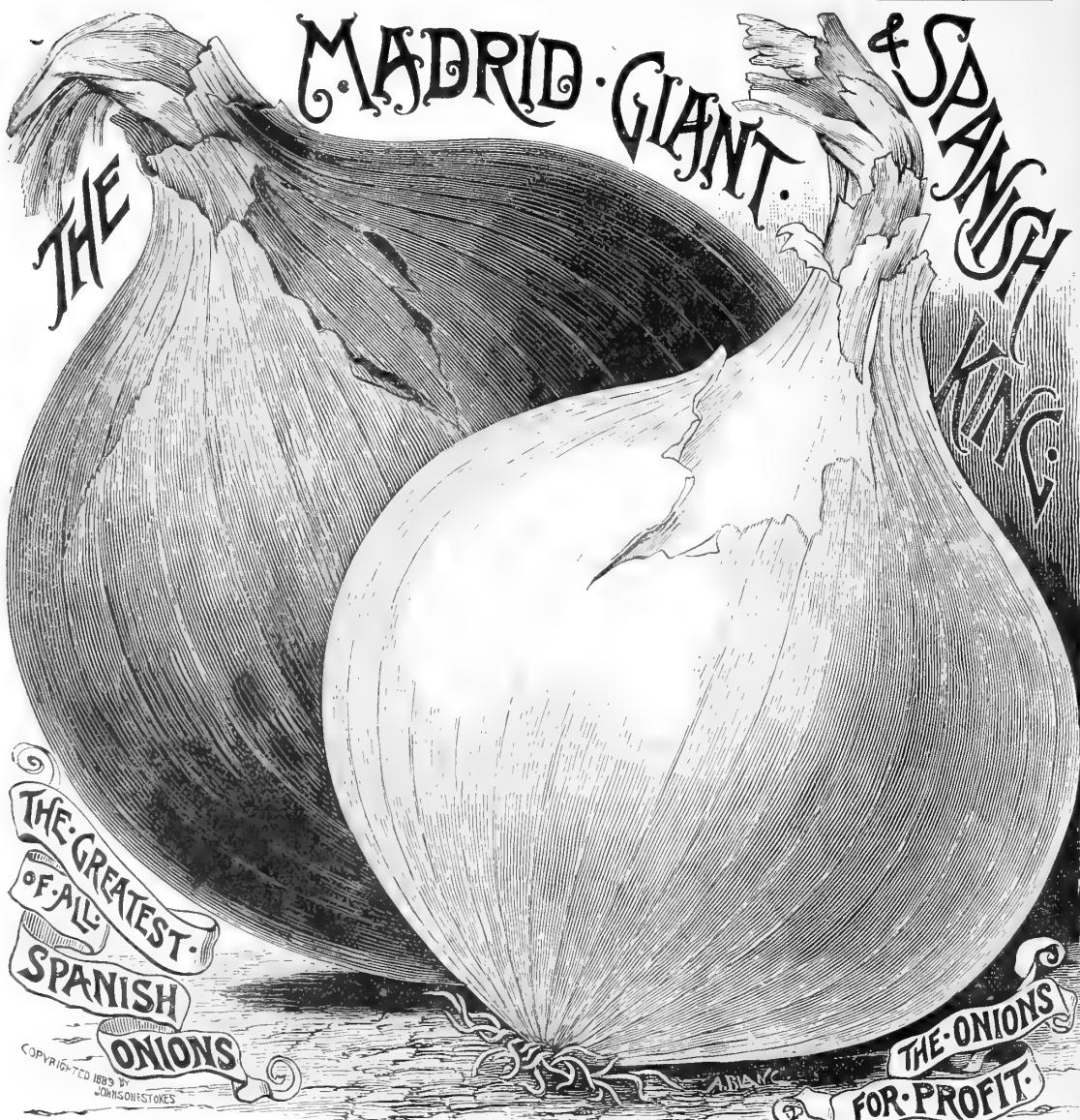
The most popular variety for sets, grown so extensively around Philadelphia. The sets of this variety grow round, plump and bright. Full-size onions are somewhat flattened, as shown in cut, flesh pure white, mild flavor, and an excellent keeper. Skin bright yellow. Oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20; 5 lbs., \$1.10 per lb.; 10 lbs. and over, \$1.00 per lb.

American Extra Early Pearl Onion.

This remarkable new onion is the earliest and best of all the white varieties. It grows to enormous size and shape, as shown in our illustration below; of pearly white color, the outer skin having a most showy, waxy appearance, flesh of a pure, snow white, and flavor so mild that it can be eaten like an apple. It grows with wonderful rapidity, reaching the first season, from seed, the enormous size of six to seven inches diameter, frequently weighing three to four pounds each. A splendid keeper, succeeding everywhere, and requiring only thin soil. Our seed of this wonderful variety is Philadelphia-grown, and should not be confounded with a cheap, imported variety offered by dealers as Silver White Etna, or Early Pearl, which is an entirely different onion, although somewhat resembling the American Extra Early Pearl in shape, being flatter, not as thick through, and it is vastly inferior in size and keeping qualities to the Genuine American Extra Early Pearl as grown and sold by us. Oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.



PHILADELPHIA YELLOW DUTCH—THE GREAT SET ONION.

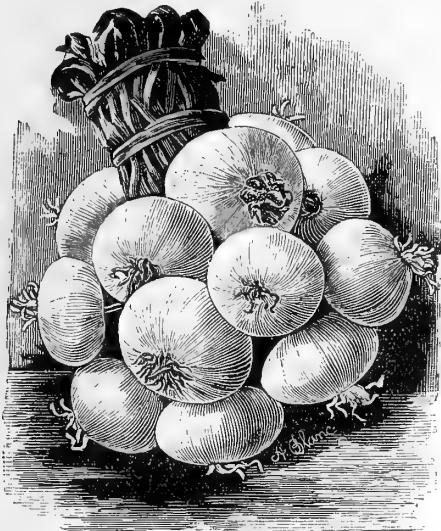


NEW SPANISH ONION, MADRID GIANT.

This new variety which we first introduced into America last spring, is the largest and most popular onion grown around Madrid, the Spanish Capital,* from which we have obtained the seed. It possesses the **large size, mild flavor, excellent keeping**, and all other good qualities of the celebrated **Spanish King**, but differs from that variety in its **handsome red skin**, which, in contrast with its **pure white, fine grained flesh**, attracts marked attention in market, when offered for sale. It is also claimed by the Spanish growers that the **Madrid Giant** grows quicker and can be grown at least one-third larger than any other sort. We believe there is a great future here for these Spanish varieties of onion, as instead of the tops dying down or running to seed, as is the case with the American varieties, they **keep on growing** the entire season, thus attaining **enormous weights and dimensions**. A number of specimens sent into us by customers, to whom we had sent seed, had attained a weight of five pounds and over. They are worthy of a trial from all market gardeners and onion growers. Pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.00.

THE SPANISH KING, OR PRIZE-TAKER ONION.

We first introduced this handsome Spanish variety in America three years ago and have received hundreds of testimonial letters from growers, who all agree in pronouncing the **Spanish King** the largest, handsomest and most profitable variety they have ever grown. The outside skin is of a rich yellow color, while the flesh is white, sweet, mild and tender. They bottom well, are free from stiff necks, and have produced more bushels (1127) of marketable onions to the acre than any other variety known in America. It attracts marked attention when offered for sale in the city fruit stores and markets, and although only offered to a limited extent has always been picked out and selected at three times the price of any other sort on sale. Oz., 30c.; $\frac{1}{4}$ lb., 85c.; 1 lb., \$3.00.



NEW WHITE BUNCH ONION.

This variety is unquestionably the best onion for selling in bunches or using in a green state. It is a very vigorous grower, and produces large, showy, white onions of the finest quality. Oz., 2c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

ONION SETS.

We grow, each season, large quantities of white, yellow and red onion sets from our Philadelphia onion seed, which, being earlier, make sets of better quality for keeping or immediate use than that grown in any other section. Philadelphia-grown onion sets are everywhere recognized as the best and are annually supplied to dealers and gardeners in every market of the United States. As the price varies with the market, we shall be glad to quote prices by the bushel or barrel of three bushels when requested to do so.



NEW GIANT ITALIAN LEEK.

We first introduced this new Leek from Italy and guarantee it to be the largest and finest leek in cultivation. It is fully twice the size of the ordinary London leek and much handsomer in appearance. Like the Italian onions, it is very mild and agreeable in flavor, extremely hardy and a fine keeper. All those who have grown it the past seasons were astonished at its large size and fine white appearance. We know of no leek as well adapted to market gardeners' purposes as this valuable new sort. Oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.



EXTRA EARLY RED ONION SETS (the Earliest), per qt., 20c.; per bush. (variable), about \$2.75.

YELLOW ONION SETS, per qt., 15c.; per bush. (price variable), about \$2.50.

WHITE ONION SETS, qt., 20c.; per bush. (variable), about \$3.00.

POTATO ONION SETS, per qt., 30c.

TOP ONION SETS, per qt., 25c.; per bush. (variable), about \$3.00.

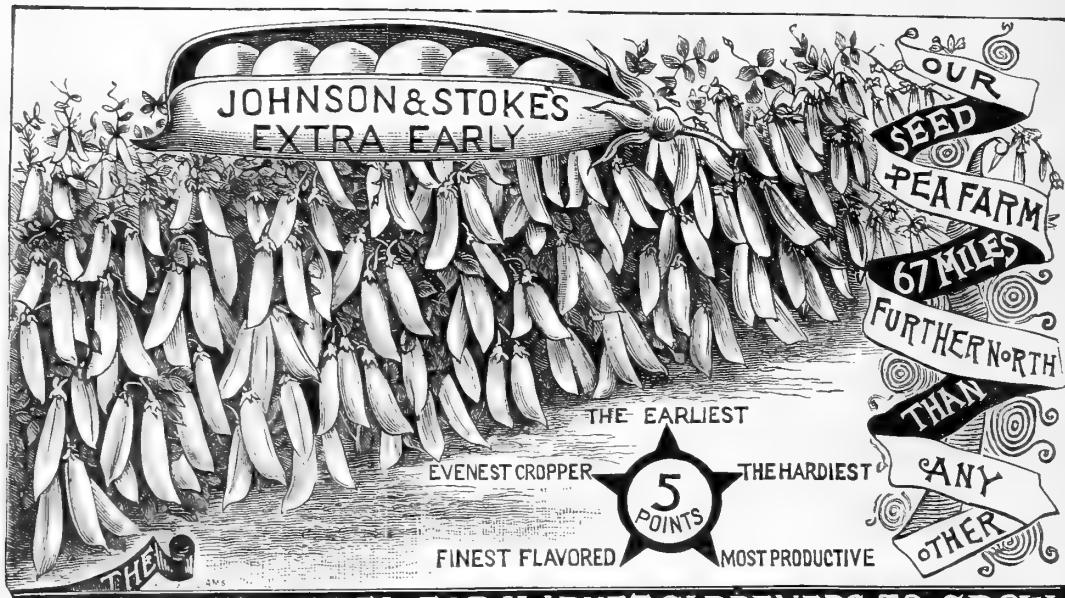
AMERICAN EXTRA EARLY PEARLONION SETS, Should be planted in the fall. Orders can be booked now for fall delivery at \$5.00 per bush.

We will quote special prices by the barrel on application.



NEW WHITE VELVET OKRA.

This distinct and beautiful new okra was originated in Georgia, and is very highly praised by all Northern gardeners who have tested it. The pods are much larger than those of any other sort, perfectly smooth, never prickly, round, not ridged or square as in other okras. It is by far the most productive in cultivation. (See illustration above.) Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.



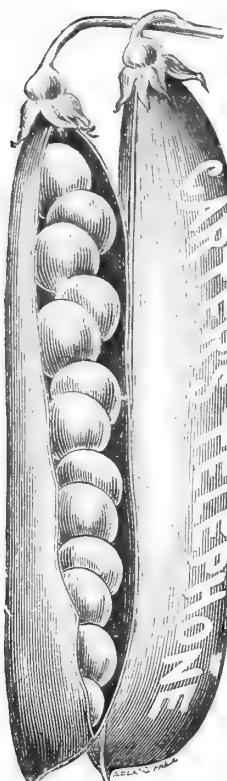
MOST PROFITABLE PEA FOR MARKET GARDENERS TO GROW

The Greatest Record of them all. Over 3500 Bushels of JOHNSON & STOKES' Selected Extra Early Peas were sold in 1889 to the Market Gardeners of the United States.

They speak for themselves. See testimonials, Page 2, our January Wholesale Price List. Qt., 25c.; peck, \$1.00; bush., \$4.00; 5 bush., \$18.50; 10 bush. and over, \$3.50 per bush.

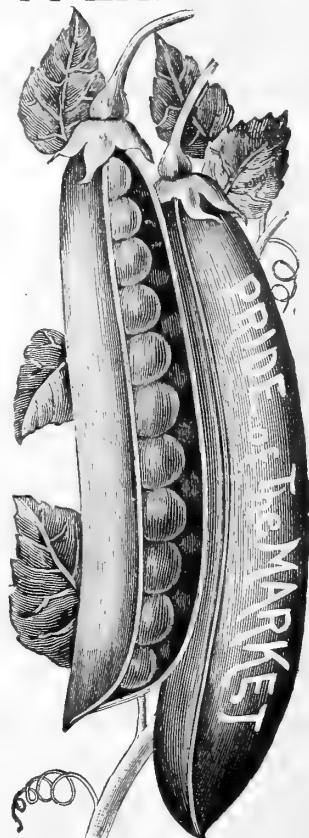
CARTER'S STRATEGEM' PEA.

A remarkably fine variety, deserving the strongest praise. Vines are very strong, need but slight support. The vine branches just under the surface of the soil, producing usually two vines of equal vigor, growing to a height of about two feet. Literally covered with large pods, often containing ten peas each. In quality, none can equal it. Qt., 30c.; peck, \$1.60; bush., \$6.00.



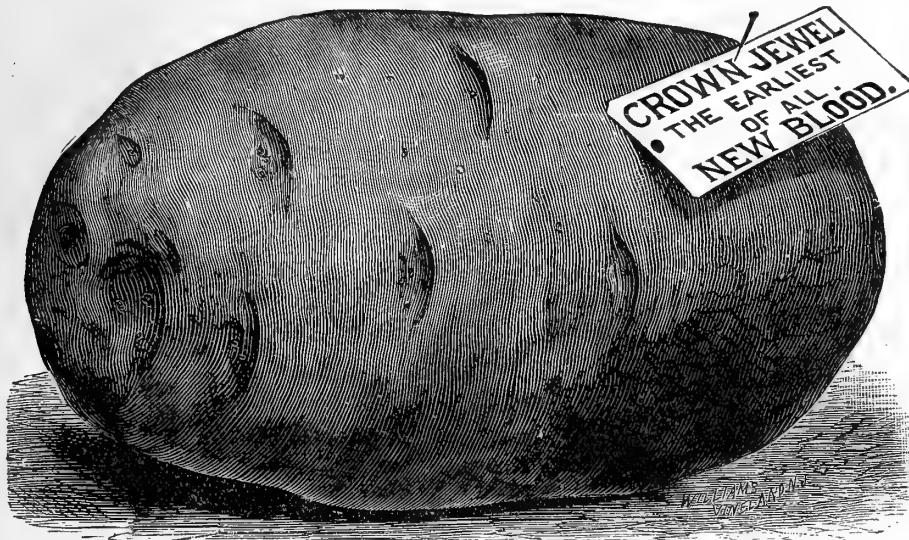
CARTER'S : : : : TELEPHONE PEA.

This is one of the finest wrinkled marrows recently introduced. Immensely productive; will average twenty large pods to a stalk, filled with the most delicious peas. Height, about four and one-half feet. Qt., 30c.; peck, \$1.60; bush., \$6.00.



PRIDE OF THE MARKET.

A famous English Pea that has given great satisfaction, growing eighteen inches high. The pods are fully as large and the same shape as those of the Telephone and Stratagem, and it requires less time to mature than either. Its dwarf habit and great productiveness makes it unusually valuable to the market gardener. Qt., 30c.; peck, \$1.60; bush., \$6.00.



The Crown Jewel Potato.

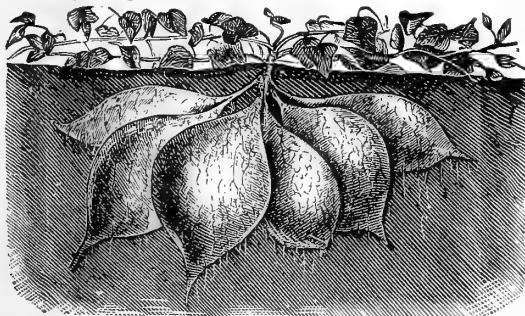
We have been growing this valuable new potato for five years, and feel we cannot say too much in its praise, as every claim we have made for it has been fully substantiated. It is a **seedling of the Early Ohio**. The seed-balls were found in a large field of that well-known variety, and it partakes of all the pure and unadulterated qualities of its excellent parent, without any admixture of baser blood. Grown in competition with the **Early Ohio, Early Rose and Sunrise**, it more than doubled the yield of any of them; under precisely the same conditions, they were ready to dig **ten days earlier**. The **Crown Jewel** is a strikingly beautiful potato, the shape is well depicted in our illustration, skin is white and smooth, eyes shallow but strong, flesh pure white and floury, cooking evenly throughout. The vines grow vigorously, the roots extend very deeply into the soil, thus resisting drought, and its keeping qualities are **equal to the best**. See testimonials, page 58, *Johnson & Stokes' Garden and Farm Manual for 1890*. Peck, 65c.; bush., \$2.00; bbl., 2½ bush., \$4.50; 5 bbls., \$21.25; 10 bbls. and over, \$4.00 per barrel.

NEW EARLY PURITAN POTATO.

This new variety originated with Mr. E. L. Coy, of Washington County, N. Y., originator of the well-known and popular **Early Beauty of Hebron**. Mr. Coy says his Early Puritan far excels the Beauty of Hebron in productiveness and quality, which indeed is saying a great deal in its favor. The skin and flesh is very white, it cooks dry and mealy, even when half grown. It ripens with the Early Rose, greatly exceeds it in productiveness, the vines grow strong, fast and vigorous, standing up firm as a tree. Peck, 60c.; bush., \$1.75; bbl., \$4.00; 5 bbls., \$18.75; 10 bbls. and over, \$3 50 per barrel.

PEARL OF SAVOY POTATO.

A valuable new extra early potato, which is rapidly taking the place of the Early Rose in the New England States. It is a cross of Clark's No. 1 and Extra Early Vermont. Earlier than the Early Rose; very productive and vigorous in growth. The tubers are oblong, fair and of large size, the flesh is pearly white. Peck, 50c.; bush., \$1.50; bbl., \$3.25; 5 bbls., \$15.50; 10 bbls. and over, \$3.00 per barrel.



NEW EXTRA EARLY CAROLINA SWEET POTATO.

round, and shorter than the ordinary varieties. Will produce fine edible tubers in ten weeks from planting slips. Owing to its extreme earliness, it is better adapted to cultivation in the Northern States than any other variety. Does well on any ordinary soil, and is the best of keepers. See testimonials, page 60, our *Garden and Farm Manual for 1890*. Peck, \$1.00; bush., \$2.75; bbl., \$6.00. Price of plants, ready May 1st, \$1.00 per 100, by mail, post-paid; 75c. per 100, \$5.00 per 1000, by express.

NEW JERSEY SWEET AND EARLY NANSEMOND.

The justly celebrated Philadelphia Sweet Potatoes, universally grown for Philadelphia and New York markets. Peck, 75c.; bush., \$2.00; bbl., \$4.50. Plants of the above varieties ready May 1st. 5cc. per 100, by mail, post-paid; 30c. per 100, \$2.50 per 1000, by express.

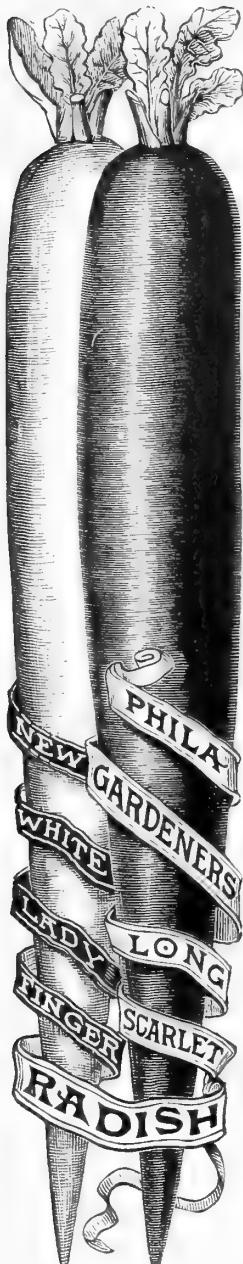


SEED SWEET POTATOES.

We make a specialty of seed sweet potatoes, growing our stock exclusively in New Jersey, about nine miles from our Philadelphia warehouse, where we have unequalled facilities for handling and storing. Owing to the unfavorable winter for keeping, good seed will be very scarce and high this season, and we advise early orders. We pack them for shipment, in boxes and barrels, with the greatest care; but as they are very susceptible to climatic changes, we cannot hold ourselves responsible for their condition on arrival after long journeys of several hundred miles.

NEW SWEET POTATO, EXTRA EARLY CAROLINA.

This wonderful variety originated in North Carolina, and is far superior to all other varieties in **earliness, productiveness and quality**. Of a bright yellow color, shape nearly like a parsnip. Will produce fine tubers in ten weeks from planting slips. Owing to its extreme earliness, it is better adapted to cultivation in the Northern States than any other variety. Does well on any ordinary soil, and is the best of keepers. See testimonials, page 60, our *Garden and Farm Manual for 1890*. Peck, \$1.00; bush., \$2.75; bbl., \$6.00. Price of plants, ready May 1st, \$1.00 per 100, by mail, post-paid; 75c. per 100, \$5.00 per 1000, by express.



Philadelphia White "Box" Radish.

This variety is the most popular early White Radish grown by Philadelphia market gardeners. It is much superior and entirely new and distinct from any early white turnip radish. Its points of superiority are remarkably short top, rapid growth, perfect turnip shape, extra fine quality, and showing no disposition whatever to become pithy with age, but, on the contrary, remains solid and juicy long after fully grown. Its short top and rapid growth especially fits it for growing under glass, in frames or "boxes," hence its name, as well as early sowing on squares or borders in the open ground. Owing to its very few short leaves, it can be sown very thickly in the row without causing the leaves to "draw." Fully one-half more radishes can be grown in the same space of this sort than any other, which makes it extremely valuable to those engaged in forcing under glass. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.; 5 lbs. and over, 60c. per lb.

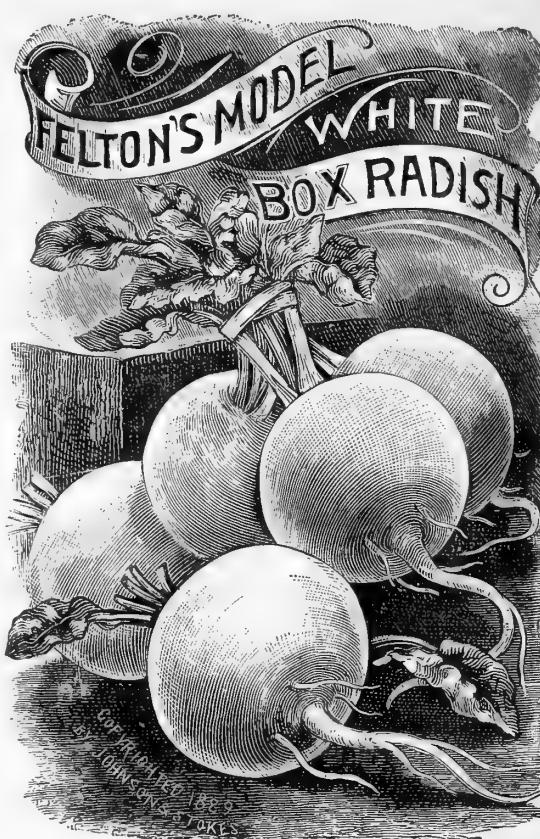
Philadelphia Gardeners' Long Scarlet Short Top Radish.

This very excellent new strain is the result of years of patient and careful selection. There is just as much difference between this strain and the European, which has heretofore been America's only source of supply, as there is between the American and European grown potato. Briefly stated, the improvements are these: it is fully six days earlier, has a shorter and more compact top, will remain in the ground longer without becoming pithy or going to seed. In shape it is somewhat shorter and thicker, thus enabling it to withstand transportation better, which is a very desirable feature. In color the upper portion is of an unusually deep brilliant red, which gradually shades to a deep waxy pink towards the tip. Owing to its handsome shape, brilliant color and fine eating qualities, it invariably commands a higher price and more ready sale than the European Long Scarlet as generally sold. Market gardeners everywhere should try this fine strain. No other can equal it. Oz., 5c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 5 lbs. and over, 50c. per lb.

New White Lady-Finger

Radish.

This is unquestionably the finest long white radish in cultivation. Shape most attractive and handsome, as shown in our illustration, while in color it is a beautiful snow white. It is of very rapid growth, and its fine white flesh is remarkably crisp, brittle and tender. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.; 5 lbs. and over, 80c. per lb.



Felton's Model White Box Radish.

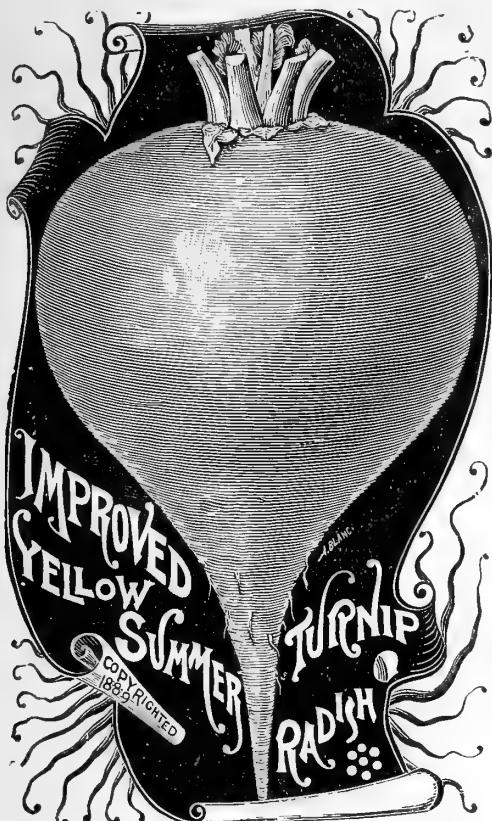
No radish we have ever introduced has met with so large a sale and gave such general satisfaction to growers as the Philadelphia White Box, first named and introduced by us in 1888. Our customers will no doubt be surprised to find we offer this season for the first, a still better and more desirable radish, selected and improved by the well-known Philadelphia market gardener whose name it bears. It possesses all the excellent qualities of the now popular Philadelphia White Box, and is superior in the following respects:

Firstly.—The shape is rounder and much handsomer, as shown in our engraving made from nature.

Secondly.—It is earlier, with fewer and shorter leaves, hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more radishes in the same space, whether under glass, in frames or boxes, or on squares or borders in open ground.

Thirdly.—Felton's Model White Box Radish is indeed a model, perfect in all respects, being solid, juicy and unsurpassed in flavor in all stages of growth. Try it.

Oz., 15c. $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 2 lbs., \$2.25.



NEW IMPROVED LARGE YELLOW Summer Turnip Radish.

This exceedingly fine type of yellow summer radish, which we now offer to the public for the first time, is the result of hybridizing and many years' continued selection by a well-experienced Philadelphia market gardener, to whom we paid an enormous price for our stock seed. We call particular attention to the fact that it can only be procured from us. Its shape is well shown in the accompanying illustration. The neck is much smaller, leaves finer, flesh whiter and of a much better shape than the old yellow summer, and always commands a readier sale at a higher figure and withstands the summer heat better.

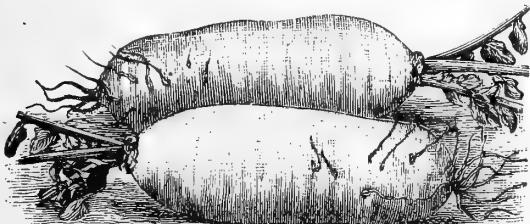
Market gardeners will find it a most valuable acquisition. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.; 2 lbs., \$1.60.

Large White Summer Turnip or Globe Radish.

Our strain of this very important sort will be found superior; is of beautiful form, pure white skin and flesh, which is very crisp and brittle; grows quickly to a large size, withstands summer heat well and will give equally as good satisfaction as our New Improved Large Yellow Summer Turnip, which it closely resembles in shape. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 2 lbs., \$1.10; 5 lbs. and over, 50c. per lb.

White Strasburg Radish.

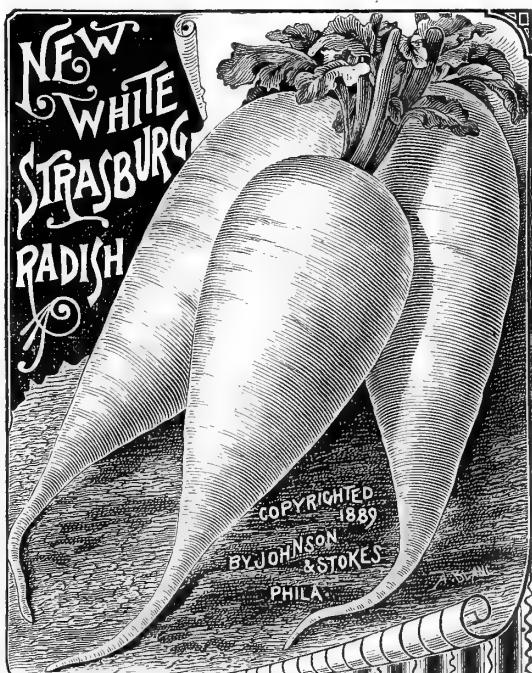
This valuable variety was first introduced by us five years ago, and is now the most popular summer radish grown. It is of handsome tapering shape, as shown in our illustration, both skin and flesh are pure white and almost transparent, very tender and of a delightful pungent taste. It can be pulled five weeks from time of sowing the seed, and continues to grow without losing its fine quality and remains in a tender condition longer than any other summer sort. There is much cheap and spurious seed being offered. Procure your stock direct from the introducers, and have it reliable. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.; 2 lbs., \$1.30; 5 lbs. and over, 60c. per lb.



New Celestial or White Chinese Radish.

Celestial or White Chinese Radish.

This new Radish, offered this season for the first time, has been grown for a few years past by California market gardeners, who obtained it direct from China. It is an "All Seasons Radish," being ready for use when two and a half or three inches long and continues until nearly six inches long. The flesh is firm and solid and pure white, and very attractive in appearance. It may be grown successfully either in the open ground or for forcing in frames. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.





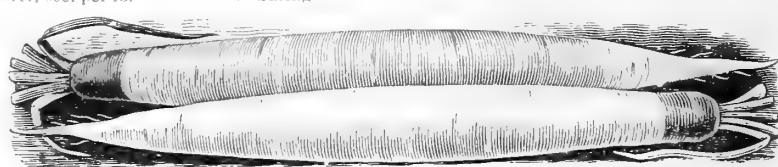
PARSLEY—Market Gardeners' Best.

The best points yet obtained in parsley have certainly been reached in this sort. The plant is of very robust and free growth, and is greatly improved by severe cutting. The leaves are large and beautifully curled and of a very dark green hue, and very fine for either open ground or frame culture. It stands heat, drought and cold better than any other extra curled sort we ever saw. This variety will yield double that of any other sort and will be found invaluable for selling in bunches or bunched with "pot-herbs." The whole appearance of the plant is very handsome, and it certainly is "the Parsley for the Market Gardener." Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00; 2 lbs., \$1.75.

IDEAL TRUE HOLLOW CROWN PARSNIP.



We offer a greatly improved and wonderfully fine strain of **True Hollow Crown Parsnip**. The roots do not grow as long as the old hollow crown variety, are of larger diameter at the shoulder and tapering off rapidly as shown in accompanying cut, and are more easily gathered. It is a very heavy cropper. The roots are very smooth, white; the flesh fine grained and of most excellent quality, and present an exceedingly handsome appearance. Oz., 10; $\frac{1}{4}$ lb., 20c.; lb., 70c.; 2 lbs., \$1.30; 5 lbs. and over, 60c. per lb.



MAMMOTH SANDWICH ISLAND SALISFY.

Improved Mammoth Sandwich Island Salsify.

This new salsify introduced from the Sandwich Islands, grows fully double the size of the Long White, the root being much heavier and thicker throughout, and is superior in quality. It is pure white in color and is invaluable to market gardeners. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40; 2 lbs., \$2.60; 5 lbs. and over, \$1.25 per lb.



This is the only genuine **long standing** spinach imported into this country, and was introduced by us seven years ago. It is undoubtedly the spinach for spring sowing, as it will stand fully fifteen days longer than any other before running to seed. We have often seen it stand so long that the leaves actually turned yellow before shooting to seed. The leaves are round, large, unusually thick, deeply curled and of a fine dark-green color. Our stock is grown in Holland especially for us. It is considered by many also the best for fall sowing on account of its ability to stand the winter better than any other sort. This variety is superior to the ordinary Long Standing offered in many catalogues. Lb., 25c.; 10 lbs., \$2.00; bush., \$6.00.

AMERICAN-ROUND SEEDED SAVOY

OR

* BLOOMSDALE · SPINACH.*

Our Celebrated Philadelphia Stock. Our entire stock of this very superior variety is Pennsylvania grown, of 1889 crop, and we guarantee it to possess every important quality that makes this valuable sort so popular. The leaves are large, thick, finely curled, heavy, are produced in great numbers, and stand handling and transportation better than any other sort. By far the best and most productive spinach in cultivation. This is the very best sort for early spring cutting before the weather becomes warm. For late use, we recommend market gardeners to plant our **Enkhuizen Long Standing**, owing to its slowness to "shoot" to seed during warm weather. Lb., 20c.; 10 lbs., \$1.80; bush., \$6.00.



ATLANTIC PRIZE. THE VERY EARLIEST OF ALL TOMATOES.

This new tomato is the result of many years' careful selection by one of the most successful tomato growers of Atlantic County, New Jersey, who, to our certain knowledge, has for a few years past shipped to New York and Philadelphia markets, fine large tomatoes fully **two weeks ahead** of all competitors, being the first Northern fruit that has reached those markets. The vines grow strong, stiff and very rapidly, setting the crown fruit when quite young, the buds appearing before the plant is four inches high. The fruit is borne in immense clusters. Each vine producing from sixty to eighty large, perfect fruits, very solid and of the finest quality, being unusually free from core and seeds. Another great feature, besides extreme earliness, about this wonderful tomato, and one which must prove of great advantage to all tomato growers, and market gardeners is that when first fruiting it ripens more evenly and abundantly than any other tomato grown. See testimonials, page 9, **Johnson & Stokes' Garden and Farm Manual** for 1890. Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00; lb., \$7.00.

THE BRANDYWINE OR NO. 45 TOMATO.

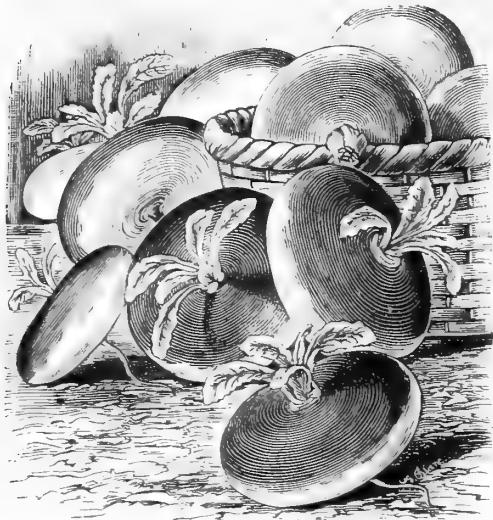
Nothing we have ever introduced has excited so much comment in so short a time as this magnificent tomato. Although offered in packets only, and last spring for the first time, it has brought us in hundreds of unsolicited testimonials from customers who all agree in pronouncing it the largest, most productive and attractive in both color and form. For colored illustrations and testimonials see our **GARDEN AND FARM MANUAL** for 1890.

ITS HISTORY.—In the spring of 1887 a customer in Ohio sent us a small package of tomato seed, requesting us to give it a fair test on our trial grounds. A few plants were set out along with forty-five other varieties we were testing, both new and old; this being the last on the list was numbered 45. To our astonishment, it completely eclipsed in great size and beauty all other varieties we were testing, specimens when ripe weighing *three to three and one-quarter pounds each*, as smooth as an apple and remarkably solid. To still further test this tomato, we sent a few packets to tomato specialists, requesting them to report on its merits. The name given it was suggested by our friend, Thos. H. Brinton, of Chadd's Ford, Pa., who has probably grown and tested more varieties of tomatoes than any other person in the United States, who wrote September 25, 1888: "The more I see of the Tomato No 45, the more I am pleased with it. It is certainly a magnificent, new, most valuable and distinct variety, and worthy of the name of 'Brandywine', after that most beautiful of all streams, which flows near our Quaker village."

With two such handsome varieties as the *Atlantic Prize for early*, and the *Brandywine for late* no market or private gardener could fail to give a bountiful supply of delicious tomatoes the entire season. Pkt., 15c.; oz., \$1.00; 4 oz., \$3.00.

EARLY MARKET CHAMPION TOMATO.

This valuable tomato originated with a prominent Philadelphia market gardener, who has for many years made the selection and improvement of the tomato specialty. He has always had extremely fine, large tomatoes in market very early and realizing handsome prices for his crop. His aim has always been to combine **earliness** with large size and **perfect, smooth shape**, and that he has succeeded in a most wonderful degree is evidenced in the **Market Champion**. The fruit is of a bright, glossy, pinkish purple, almost like wax. flesh is **very hard and solid**, keeping a long time after ripe without getting soft or rotting. Its shape is most perfect, being smooth and uniform in size, ripening all over at one time. It is a vigorous grower the foliage being quite distinct. There is no other purple tomato cultivated that will ripen **so early or produce** more bushels of large, handsome fruit to the acre than the **Market Champion**. Oz. 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.50.



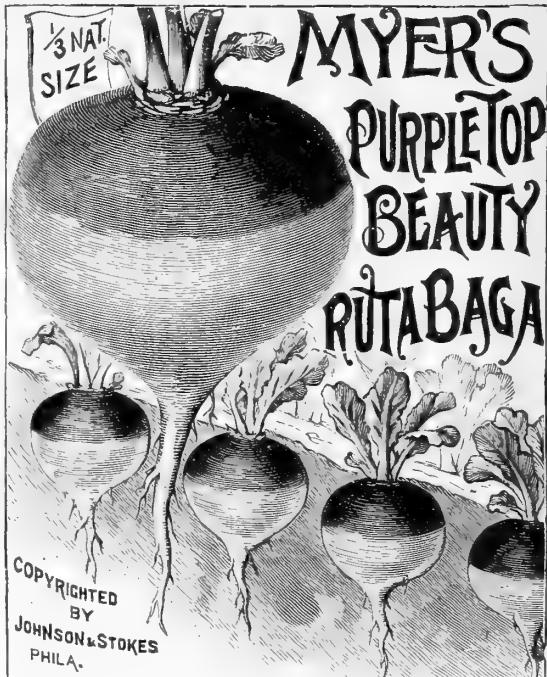
PURPLE TOP MILAN—THE EARLIEST OF ALL TURNIPS.

Extra Early Purple-Top Milan Turnip STRAP-LEAVED.

This new variety has proven to be the earliest and handsomest flat turnip in cultivation. No other variety can equal it for spring sowing. It is of medium size and flat shape, with bright purple top as shown in our illustration above; pure white flesh, of excellent flavor, never bitter, small top, and a good keeper. It is a very shy seeder, hence true stock must always be high in price. Oz.; 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

The Budlong Turnip.

This new strain of White Ruta-Baga is the result of years of careful selection made by Mr. Budlong, one of the most extensive market gardeners of New England. It well deserves to be classed with the best table turnips owing to its fine texture and extra high quality. It is of half long shape, with a beautiful purple crown, pure white skin and flesh. Medium in size and of very quick growth. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.



MYER'S PURPLE TOP BEAUTY RUTABAGA.

This new variety, the seed of which is now offered for sale for the first time, is purely of American origin, and is so far removed by careful selection and breeding from the old forms of Ruta-Baga, that it appears almost a plant of distinct family. It is undoubtedly the finest Swede to be obtained, whether wanted for market garden or stock feeding purposes. The root is smooth and beautiful. Its handsome shape and purple crown are well shown in the above cut. The flesh is golden yellow, fine grain, solid, sweet, fine flavored and very nutritious. It is extremely hardy, and earlier to mature than any other form of Ruta-Baga, and will produce nearly twice the weight per acre more than any other variety. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80.

VEGETABLE PLANTS AND ROOTS.

HORSERADISH ROOTS—Per 100, 70c.; 1000, \$5.00.

LETUCE PLANTS. Ready April 15th.

Tennis-ball, White Butter and other good sorts, per 100, 50c.; 1000, \$3.50.

PEPPER PLANTS. Ready May 10th.

Bull Nose, Ruby King, Mammoth Golden Queen and Red Cayenne, per 100, \$1.25; 1000, \$8.00.

RHUBARB ROOTS. See page 38.

SWEET POTATO PLANTS. Ready May 1st.

Extra Early Carolina, per 100, 75c.; 1000, \$5.00. New Jersey Sweet and Yellow Nansemond, each per 100, 30c.; 1000, \$2.50.

TOMATO PLANTS. Ready May 1st.

Livingston's Perfection, Livingston's Favorite, Atlantic Prize, Livingston's Beauty, Paragon, Acme, Cardinal, Mikado, Market Champion and Trophy, each per 100, \$1.50; 1000, \$10.00.

\$100 CASH • FOR • BEST • ESSAYS •

We will pay September 1, 1890, \$100 in cash for best practical essays sent us before that date, on the following subjects:

\$25 for best essay. { Subject, "HOW TO MAKE MARKET GARDENING MOST PROFITABLE." These essays should give full information on way of growing and marketing vegetables usually grown by market gardeners and truckers in Northern, Eastern and Western States, at seasons of the year when they can be grown and marketed most successfully.

\$25 for best essay. { Subject, "HOW AND WHAT TO GROW IN THE SOUTH FOR NORTHERN MARKETS." These essays should give practical knowledge of time of planting, mode of culture and best varieties for the purpose.

\$20 for best essay. { Subject, "HOW TO GROW AND MARKET CABBAGE AND ONIONS." These essays should give practical directions for preparing and manuring the ground, \$10 for second best essay. } sowing the seed, cultivating and marketing these important crops on a large scale.

The Prize Essays will be carefully edited by us and published in book-form for the benefit of our Market Garden customers.

GENERAL : LIST —OF— LEADING VARIETIES.

Below will be found a condensed list of leading sorts taken from our GARDEN AND FARM MANUAL, to which we refer you for a complete description. The most prominent sorts we have had printed in heavy-faced type. The wholesale prices here quoted are based on customers paying delivery charges, when sent either by express or freight; but as our prices are very low, it will be found, even after paying delivery charges, customers will have received their supplies at exceedingly favorable rates. Whenever desired, we will send by mail, but when this is to be done **postage must always be added** at the rate of 8 cents per pound on seeds quoted by the pound, and 15 cents per quart for Beans and Peas, 10 cents per quart for Sweet Corn. Seeds in packets and ounces, however, will be sent postage paid. Half pounds will be supplied at pound rates; half pecks at peck rates; half bushels at bushel rates. On varieties not herein quoted, we will allow a discount from retail prices as given in our GARDEN AND FARM MANUAL, of 30 per cent. on packets, 20 per cent. on ounces and 10 per cent. on seeds in bulk, by the pound or bushel.

BEANS—DWARF OR SNAP—			
SHORT VARIETIES.			
	Quart.	Peck.	Bush.
Improved Extra Early Red Valentine,	\$0 25	\$1 00	\$4 00
Early Red Valentine,	20	90	3 40
Best of All,	30	1 25	4 50
Early Mohawk,	20	90	3 25
Long Yellow Six Weeks,	20	90	3 25
Dwarf Golden Wax,	25	1 25	4 50
Wardwell's Kidney Wax,	30	1 50	5 00
New Union White Valentine,	30	1 75	6 00
Refugee or Thousand to One,	25	1 00	3 50
Extra Early Refugee (New),	25	1 25	4 50
White Valentine,	25	1 00	4 00
New Black-Eye Wax,	30	1 50	5 50
White Wax,	25	1 40	5 25
German Black Wax, or Butter,	25	1 25	4 50
Henderson's Bush Lima, pkt., 15c.	1 00	6 50	
Improved Rust Proof Golden Wax,	35	2 25	8 00
New Prolific German Wax,	30	1 75	7 00
Date Wax (New),	30	1 50	5 50
New Golden-Eyed Wax,	30	1 75	7 00
Scarlet Flageolet Wax,	35	2 00	7 50
Violet, or Perfection Wax,	30	1 60	6 00
Detroit Wax,	30	1 65	6 50
New Snowflake Field,	30	1 50	5 50
Burlingame Mediums,	20	1 00	3 50
Royal Dwarf, or White Kidney,	20	1 00	4 00
White Marrow,	20	1 00	3 50
Prolific Tree,	20	1 00	3 75

POLE, OR RUNNING BEANS.

King of the Garden Lima,	35	2 25	8 50
Large White Lima,	30	2 00	7 00
Salem Improved Lima,	40	2 50	9 00
Ford's Mammoth Podded Lima,	1 00		
New Golden Andalusia, the finest and most productive of all Wax Beans,	70	4 00	15 00
Lazy Wife's,	40	3 00	12 00
Early Green Cluster,	35	2 25	8 00
Early Golden Cluster Wax,	35	2 25	8 00
New Golden Wax Flageolet,	35	2 25	8 00
Dreer's Improved Lima,	35	2 25	8 00
Jersey Extra Early Lima,	40	2 50	9 50
Small Lima, or Sieva,	30	2 00	7 00
Giant Wax (Red Seed),	35	2 25	8 00
Dutch Case Knife,	30	1 50	5 00

PEAS—EXTRA EARLY.			
	Quart.	Peck.	Bush.
Johnson & Stokes' Extra Early,	\$0 25	\$1 00	\$4 00
Extra Early Hancock,	25	1 00	4 00
Eureka Extra Early,	20	90	3 50
Alaska (True Stock),	25	1 00	4 00
First and Best (Improved Dan'l O'Rourke),	20	0 90	3 25
Blue Beauty,	30	1 75	6 50
Philadelphia Extra Early,	15	90	3 00
McLean's Little Gem,	25	1 25	4 50
Extra Early Premium Gem,	25	1 25	4 50
Bliss' American Wonder,	30	1 50	5 50

PEAS—SECOND EARLY AND LATE.			
	Quart.	Peck.	Bush.
Horsford's Market Garden,	\$0 25	\$1 25	\$4 50
Bliss' Abundance,	25	1 25	4 50
McLean's Advancer,	25	1 25	4 50
Carter's Stratagem,	30	1 60	6 00
Carter's Telephone,	30	1 60	6 00
Pride of the Market,	30	1 60	6 00
Bliss' Everbearing,	25	1 25	4 75
Champion of England,	25	1 00	4 00
Yorkshire Hero,	25	1 25	4 50
Dwarf Blue Imperial,	20	90	3 50
Giant Podded Marrow (New),	35	2 00	7 50
Royal Dwarf White Marrowfat,	15	60	2 25
Large White Marrowfat,	15	60	2 00
Black Eye Marrowfat,	15	50	1 75

CORN—SWEET OR SUGAR.			
Burlington Hybrid (New),	35	2 00	7 00
Honey Sweet,	30	1 50	5 00
New Cory,	20	90	3 00
Crosby's Extra Early,	15	75	2 75
Early Bonanza (New),	20	1 00	3 50
Stabler's Extra Early,	20	90	3 00
Perry's Hybrid Extra Early,	20	90	3 00
Shaker's Early,	20	90	3 25
Early Minnesota,	20	90	3 00
Early Red Cob (New),	20	90	3 25
Early Mammoth,	20	90	3 25
Early Triumph,	20	90	3 25
Early Large Eight-Rowed,	15	85	3 00
Adams' Extra Early,	15	75	2 50
Roslyn Hybrid (New),	20	1 00	3 50
Stowell's Evergreen,	15	75	2 50
Potter's Excelsior, or Squantum,	15	85	3 00
Late Mammoth,	15	80	2 75
Egyptian,	20	90	3 25

ARTICHOKE.

	oz.	$\frac{1}{4}$ lb.	lb.
Large Green Globe Seed.	\$0.20	\$0.60	\$2.25

ASPARAGUS.

Barr's Philadelphia Mammoth. (See Specialties.)	5 lbs.	\$5.00.	15	35	1 25
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Barr's Philadelphia Mammoth, 1 year old roots, per 1,000, \$5.50; 2 year old roots, per 1,000, \$6.50.

Palmetto, 5 lb., \$6.00.	15	35	1 25
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Palmetto, 2 year old roots, per 1,000, \$6.50

Conover's Colossal, 5 lbs., \$1.75.	5	15	45
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Conover's Colossal, 1 year old roots, per 1,000, \$4.50; 2 year old roots, per 1,000, \$5.00.

BEETS.

Mitchell's Perfected Earliest Dark Red Turnip (Sold out).

Early Eclipse (True), 10 lbs., \$5.00.	5	20	60
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Egyptian Blood Turnip, 10 lbs., \$4.00.	5	15	50
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Lentz's Early Blood Turnip, 10 lbs., \$5.00.	5	20	60
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Early Bassano.	5	15	50
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Early Blood Turnip Improved.	5	15	50
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Bastian's Extra Early Turnip, per bushel (16 lbs.), \$6.00.	5	15	50
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Acme Dark Red Turnip, 5 lbs., \$3.00.	10	25	75
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Dewing's Extra Early Blood Turnip.	5	15	50
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Edmand's Early Turnip.	5	15	50
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Bastian's Half Long, per bush. (16 lbs.), \$6.00.	5	15	50
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Gem Half Long (New).	10	30	1 00
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Philadelphia Perfection Half Long.	5	20	60
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Long Blood Red.	5	15	45
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Swiss Chard.	5	20	60
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MANGEL WURZEL AND SUGAR BEETS.

Chirk Castle Mammoth (New). See our "Garden and Farm Manual," page 29. 5 lbs., \$3.25.

Carter's Mammoth Prize Long Red, 5 lbs., \$1.25.	10	25	75
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New Golden Yellow Mammoth, 5 lbs., \$2.25.	5	10	30
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New Kinver Yellow Globe, 5 lbs., \$1.50.	5	10	35
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Long Red, 5 lbs., \$1.25.	5	10	30
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Golden Tankard, 5 lbs., \$1.50.	5	10	35
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Yellow Ovoid, 5 lbs., \$1.50.	5	10	35
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Golden Globe, 5 lbs., \$1.25.	5	10	30
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Silesian, or White Sugar, 5 lbs., \$1.25.	5	10	30
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Carter's Champion Warden Orange Globe, 5 lbs., \$1.25.	5	10	30
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Lane's Improved Imperial Sugar, 5 lbs., \$1.50.	5	10	35
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Vilmorin's Improved White Sugar, 5 lbs., \$2.00.	5	15	45
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BRUSSELS SPROUTS.

Perfection.	15	35	1 25
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COLLARDS.

True Georgia, or Southern.	10	25	90
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CABBAGE.

Johnson & Stokes' Wonderful (New). See our "Garden and Farm Manual," page 30.

Johnson & Stokes' Earliest.	35	1 25	4 00
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Selected Early Jersey Wakefield.	30	1 00	3 50
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New Large Early Jersey Wakefield.	25	75	2 50
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Johnson & Stokes' Market Gardeners' No. 2 (New).	30	80	3 00
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Louderback's All Year Round (Novelty). See Specialties.	75	2 25	8 00
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40 1 25 4 00

30 1 00 3 00

20 60 2 00

25 75 2 50

20 65 2 25

15 60 2 00

25 75 2 50

25 75 2 50

15 50 1 75

15 50 1 50

CABBAGE—Continued.

	oz.	$\frac{1}{4}$ lb.	lb.
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Large Late Drumhead.	\$0.15	\$0.50	\$1.50
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Bridgeport Drumhead.	25	65	2 25
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Surehead.	20	60	2 25
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Diamond Winter (Novelty). See Specialties.	40	1 50	5 00
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Early Bleichfield Giant.	20	65	2 25
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Johnson & Stokes' New Matchless Late Flat Dutch.	25	75	2 50
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New Short Stem Drumhead.	25	75	2 50
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Marblehead Mammoth.	15	50	1 50
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Lee's Savoy (New and Very Fine).	30	85	3 00
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American Perfection Drumhead Savoy (Fine Stock).	20	60	2 00
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Red Dutch Erfurt.	20	50	1 75
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CARROT.

New Parisian Forcing.	15	40	1 25
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Ox-heart, or Guerande.	10	25	85
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Very Early Short Horn Forcing.	10	30	90
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Early Scarlet Horn.	10	25	80
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Early Half-Long Scarlet, Pointed.	10	25	80
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Rubicon Half-Long (Novelty). See Specialties.	15	40	1 25
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Half-Long Red Nantes (stump-rooted).	10	30	90
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Saint Vallery, or Intermediate.	10	25	80
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Nichol's Improved Long Orange.	10	25	85
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Long Orange (Improved), 5 lbs., \$2.50.	10	20	60
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Improved Danvers, 5 lbs., \$3.00.	10	20	70
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CAULIFLOWER.	pkt.	oz.	$\frac{1}{4}$ lb.
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Gilt Edge Early Snowball.	\$0.20	\$3.00	\$11.00
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Johnson & Stokes' Early Alabaster.	25	5.00	18.00
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Johnson & Stokes' Selected Early Dwarf Erfurt.	20	2.75	9.00
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Lenormand's Short Stem.	10	70	2.00
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Large Late Algiers.	10	70	2.00
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CELERERY.	oz.	$\frac{1}{4}$ lb.	lb.
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White Plume (Extra Selected).	\$0.30	\$0.90	\$3.25
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Dilk's Many-Hearted.	45	1 25	4 50
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New Rose.	25	75	2 50
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Kalamazoo Broad Ribbed (New and Very Fine), see Specialties.	35	1 00	3 50
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Johnson & Stokes' Golden Self-Blanching. See Specialties.	35	1 00	3 50
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Dwarf Golden Heart.	20	60	2 00
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Crawford's Half Dwarf.	20	50	1 75
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Boston Market.	20	65	2 25
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Giant White Solid.	15	50	1 75
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CELERIAC.	oz.	$\frac{1}{4}$ lb.	lb.
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Apple-Shaped.	20	45	1 60
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Extra Large Smooth Prague.	20	70	2 50
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CORN SALAD.	oz.	$\frac{1}{4}$ lb.	lb.
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Large-Seeded Broad-Leaved, 10 lbs., \$3.50.	5	15	40
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CRESS.	oz.	$\frac{1}{4}$ lb.	lb.
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Extra Curled Pepper.	5	15	50
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True Water.	30	90	3 25
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CUCUMBER.	oz.	$\frac{1}{4}$ lb.	lb.
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New Evergreen White Spine.	10	30	1 00
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Jersey Extra Early Prolific Pickle.	15	35	1 25
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Nichol's Medium Green.	5	20	70
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Early Frame, or Short Green.	5	20	60
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Green Prolific.	5	20	70
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Improved Early White Spine.	5	20	60
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Westerfield's Chicago Pickle.	10	25	80
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Improved Long Green (Jersey Pickle).	5	20	60
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Small Gherkin, or Burr.	10	30	1 00
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ENDIVE.	oz.	$\frac{1}{4}$ lb.	lb.
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Green Curled.	15	45	1 50
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White Curled.	15	45	1 50
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Mammoth Green Curled, New and very large, the best yet introduced.	25	70	2 50
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EGG-PLANT.	oz.	$\frac{1}{4}$ lb.	lb.
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New York Improved Large Purple.	45	1 25	4 50
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New Jersey Improved Large Purple, See Specialties.	50	1 50	5 00
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KALE.

	oz.	$\frac{1}{4}$ lb.	lb.
Phila. Dwarf Green Curled Scotch,	\$0 05	\$0 15	\$0 50
Southern Green Curled Scotch,	5	20	75
Siberian Curled,	5	15	50
New Imperial (Long Standing),	5	20	60

KOHL RABI.

New Smooth White, Very Short Leaved,	30	85	3 00
New Smooth Purple, Very Short Leaved,	30	85	3 00
Early White Vienna,	15	50	1 75
Early Purple Vienna,	15	50	1 75

LEEK.

New Giant Italian, the largest and best	15	50	1 75
American Flag, very large size,	15	35	1 25
London Flag,	10	30	1 00
Carentan, or Scotch Champion,	15	35	1 25

LETTUCE.

White Seeded Tennis Ball, or Boston Market,	15	35	1 25
Black Seeded Tennis Ball,	15	35	1 25
Buttercup,	15	40	1 40
Reichner's Early White Butter (New),	20	60	2 00
Victor Dutch Butter (New),	25	85	3 00
Longstander Bronze Head (New),	25	85	3 00
New Blockhead, per pkt., 15c.,	1 00		
New Chartier (Fine),	15	35	1 25
Hubbard Market,	15	35	1 25
New White Russian Summer,	35	1 00	3 50
New White Peach,	40	1 25	4 00
California All-Heart (Novelty),	35	90	3 50
Dutch Butter, Speckled,	15	40	1 50
White Butter, or Cabbage,	15	30	1 25
Improved Hanson,	15	35	1 20
Improved Defiance Summer,	15	45	1 60
Oak-Leaved,	15	35	1 25
Black Seeded Simpson,	15	35	1 20
Salamander,	15	35	1 20
Improved Yellow-Seeded Butter,	15	35	1 25
Large White Passion (New),	15	40	1 50
Silver Ball (Extra),	20	60	2 00
Deacon,	15	35	1 25
Early Prize Head (Brown Cabbage),	15	35	1 20
Johnson's Standwell,	20	60	2 25
Perpetual, or Improved Simpson,	15	35	1 20

MELON, MUSK.

New Osage,	10	30	1 00
Golden Gem, 5 lbs., \$3.00,	5	20	65
Extra Early Prize Jenny Lind,	5	20	60
New Early Hackensack, 5 lbs., \$3.00,	5	20	65
Champion Market, 5 lbs., \$3.50,	10	25	80
Ward's Nectar (Fine),	10	25	80
Chicago Market,	10	20	70
Emerald Gem, 5 lbs., \$3.50,	10	25	80
Princess, (see Specialties),	15	45	1 50
Miller Cream,	10	30	1 00
Netted Pineapple, 5 lbs., \$2.00,	5	15	50
Improved Montreal Market,	10	20	65
Baltimore, 5 lbs., \$2.75,	5	20	60
Bay View, 5 lbs., \$2.75,	10	20	65
Casaba, or Persian, 5 lbs., \$2.75,	10	20	65
Hackensack, 5 lbs., \$2.75,	10	20	65
New Banana,	10	30	90

MELON, WATER.

Johnson's New Dixie (Novelty), see Specialties,	35	1 00	4 00
Johnson's Christmas, 5 lbs., \$4.50,	10	30	1 00
Stokes' Extra Early,	10	30	1 00
Mammoth Gray Monarch,	10	25	80
Improved Mountain Sweet, 5 lbs., \$2.00,	5	15	50
Vick's Early,	5	20	65
Phinney's Early,	5	20	60

MELON, WATER—Continued.

	oz.	$\frac{1}{4}$ lb.	lb.
Mammoth Iron-Clad, 5 lbs., \$2.50,	\$0 05	\$0 20	\$0 60
Florida Favorite, 5 lbs., \$3.00,	10	20	70
Green and Gold (New),	10	25	80
New Seminole, 5 lbs., \$3.75,	10	25	85
Pride of Georgia, 5 lbs., \$2.75,	10	20	65
Kolb Gem, 5 lbs., \$2.25,	5	15	50
Icing Light, 5 lbs., \$2.50,	5	20	60
California, or Odella, 5 lbs., \$2.00,	5	15	50
The Boss, 5 lbs., \$2.50,	5	20	60
Scaly Bark,	5	20	60
Cuban Queen, 5 lbs., \$3.00,	10	20	65
Dark Icing, 5 lbs., \$2.50,	5	20	60
Jersey Blue, 5 lbs., \$2.50,	5	20	60
Georgia Gypsy, or Rattlesnake, 5 lbs., \$2.75,	10	20	65
Preserving Citron,	5	20	60

MUSHROOM SPAWN.

English Milttrack, Dozen Bricks, \$1.25.
French, 2-lb. boxes, each, 70c.

OKRA.

New White Velvet,	10	25	80
Improved Dwarf Green Prolific,	5	20	60

ONION SEED.

Extra Early Red Flat, 10 lbs., \$12.50,	15	35	1 35
Extra Early Red Globe,	20	50	1 75
Extra Red Wethersfield, 10 lbs., \$11.00,	15	35	1 25
Round Yellow Danvers,	10	30	1 00
Philadelphia Yellow Globe Danvers, 10 lbs., \$10.00,	15	35	1 20
Philadelphia Yellow Strasburg, or Dutch, 10 lbs., \$10.00,	15	35	1 20
Southport, Large Yellow Globe,	15	40	1 50
Southport, Large White Globe,	20	60	2 25
Southport, Large Red Globe,	20	50	1 75
Philadelphia White or Silver Skin,	20	60	2 00
Extra Early Pearl, Philadelphia grown,	30	85	3 00
Golden Ball (New),	25	65	2 50
Ivory Ball (New),	30	85	3 00
White Adriatic Barletta (New),	25	65	2 50
New White Bunch,	20	50	1 75
Hard Round Silver Skin,	20	50	1 75
Madrid Giant (New),	35	1 25	4 00
White Queen,	20	60	2 00
Red Bermuda,	15	40	1 50
Giant Rocca,	15	40	1 40
Giant White Italian Tripoli,	15	40	1 50
New Yellow Egg,	30	85	3 00
Spanish King,	30	85	3 00
Mammoth Silver King,	20	60	2 25

ONION SETS.

Prices variable. Will quote by letter on application. The following varieties always in stock:
White, or Silver Skin, Yellow Strasburg, Yellow Danvers, and Extra Early Red.

PARSNIP.

	oz.	$\frac{1}{4}$ lb.	lb.
Ideal Hollow Crown (New),	\$0 10	\$0 20	\$0 70
Large Sugar,	5	15	50

PARSLEY.

Emerald, or Dwarf Extra Curled,	10	25	80
Double Curled,	10	20	60
Market Gardeners' Best (New),	10	30	1 00
Champion Moss Curled,	10	25	80

PEPPER.

Procop's Giant (Novelty),	50	1 25	
New Celestial (Novelty),	50	1 25	
New Ox-Heart,	25	75	2 50
Dwarf Early Red Squash,	25	75	2 75
Ruby King,	25	75	2 75
Mammoth Golden Queen,	35	1 00	3 50
Large Sweet Bell, or Bull Nose,	20	60	2 00
Large Sweet Spanish,	20	60	2 00
Long Red Cayenne,	20	65	2 25
Red Cluster, finest sort for pot herbs,	30	85	3 00

POTATOES. Prices variable with the market.

	bush.	bbl.	5 bbls.
Crown Jewel (New), see Specialties,	\$2 00	\$4 50	\$21 25
Early Gem,	1 50	3 50	16 50
Clark's No. 1,	1 50	3 25	15 00
Pearl of Savoy,	1 50	3 25	15 00
Early Sunrise,	1 25	3 00	14 00
Early Beauty of Hebron,	1 25	3 00	14 00
Early Ohio,	1 25	3 25	15 00
Early Puritan (New),	1 75	4 00	18 75
Rural New Yorker No. 2 (Novelty), see our "Garden and Farm Manual," page 59,	2 50	5 50	
The Polaris (New),	1 50	3 50	16 50
Superior (Coy's Seedling No. 88),	1 50	3 50	16 50
Prince Edward Island Early Rose,	1 25	3 00	14 00
Houlton Early Rose,	1 25	3 00	14 00
The Belle,	1 25	3 25	15 00
Bliss Triumph ,	1 75	4 00	18 75
American Magnum Bonum,	1 25	3 25	15 00
Mammoth Pearl,	1 25	3 00	14 00
Mammoth Prolific,	1 25	3 25	15 00
Empire State,	1 25	3 00	14 00
White Star,	1 10	2 75	13 00
White Peach-blown,	1 25	3 25	15 50
Peerless,	1 10	2 75	13 00
White Elephant,	1 10	2 75	13 00

PUMPKIN.oz. $\frac{1}{4}$ lb. lb.

Improved Green Striped Cashaw ,	\$0 10	\$0 20	\$0 75
Nantucket Sugar,	10	20	65
Tennessee Sweet Potato (Fine),	10	25	80
Cashaw,	10	20	60
Large Cheese,	5	15	50
Common Yellow Field,	5	10	25

RADISH.

Felton's Model White Box (Novelty),	15	40	1 25
New Celestial, or White Chinese,	10	30	1 00
Startle, or 20-Day Forcing (New),	10	30	1 00
Scarlet Erfurt Red Forcing Turnip,	10	25	75
New Rosy Gem,	10	25	75
Scarlet Globe,	5	20	60
Philadelphia White Box (New),	10	20	65
Newcom (Fine),	5	20	60
Extra Early White Turnip,	5	15	50
Extra Early Dark Red Turnip,	5	15	50
Paris Beauty, Half Long Deep Scarlet,	10	20	70
Early Long Scarlet Short Top,	5	15	40
Philadelphia Gardeners' Long Scarlet Short Top (New), see Specialties,	5	20	60
New White Lady Finger,	10	25	90
New Fireball,	10	20	75
Wood's Early Frame (True),	5	15	50
French Breakfast,	5	15	50
Scarlet Turnip, White-Tipped,	5	15	50
Early White, Olive-Shaped,	10	20	60
Early Scarlet, Olive-Shaped,	5	15	50
Beckert's Charter, or Shepherd,	5	15	50
New White Strasburg (Very fine),	10	20	70
Improved Large Yellow Summer Turnip (New),	10	25	85
Olive-Shaped Golden Yellow,	10	25	80
White Summer Turnip, or Globe,	10	20	60
Yellow Summer Turnip,	5	15	50
Scarlet China, or Rose (Winter),	10	20	70
Long Black Spanish (Winter),	10	20	65
Round Black Spanish (Winter),	10	20	65

RHUBARB ROOTS.

each. doz. 100.

Extra Early, or Strawberry,	\$0 15	\$1 25	\$6 50
Linnæus and Victoria,	15	1 25	6 00

SALSIFY.oz. $\frac{1}{4}$ lb. lb.

Long White (Philadelphia grown),	\$0 10	\$0 35	\$1 25
Mammoth Sandwich Island (largest),	15	40	1 40

SPINACH.

lb. 10 lbs. bush.

Enkhuizen Long Standing ,	\$0 25	\$2 00	\$6 00
American Round-Seeded Savoy, or Bloomsdale ,	20	1 80	6 00
Norfolk Savoy,	20	1 80	6 00

SQUASH.oz. $\frac{1}{4}$ lb. lb.

Early White Scallop Bush,	\$0 05	\$0 15	\$0 50
Essex Hybrid,	10	20	60
Boston Marrow,	5	15	50
White Pineapple,	10	20	65
Hubbard,	10	20	65
Bay State	10	25	85
New Mediterranean,	10	25	85
Long Green Summer Crookneck ,	10	30	1 00
Golden Summer Crookneck Bush ,	10	20	60
Sibley, or Pike's Peak (New),	10	25	80

TOMATO.

Extra Early Trophy (New),	25	70	2 50
Atlantic Prize . Very large, smooth and early. See Specialties,	60	1 75	7 00

Brandywine Novelty. See our "Garden and Farm Manual for 1890." Per pkts., 15c.; oz., \$1.00.

The Lorillard (New),	25	65	2 50
Horsford's Prelude (New),	30	80	3 00
Optimus (Fine),	25	65	2 25
Early Market Champion ,	25	70	2 50
New Potato Leaf ,	25	60	2 25
Dwarf Champion (New),	30	80	3 00
Volunteer (New),	25	70	2 50
New Queen ,	20	60	2 00
Livingston's Perfection ,	15	50	1 75
Extra Early Advance ,	20	60	2 00
Scoville's Hybrid ,	20	60	2 00
Selected Early Paragon (Choice Stock),	15	50	1 75
Livingston's Beauty ,	15	60	2 00
The Cardinal ,	20	60	2 00
Turner's Hybrid, or Mikado ,	25	70	2 50
Livingston's Favorite ,	15	50	1 75
Early Acme ,	20	60	2 00
Trophy ,	20	65	2 25
New Peach ,	30	1 00	3 50

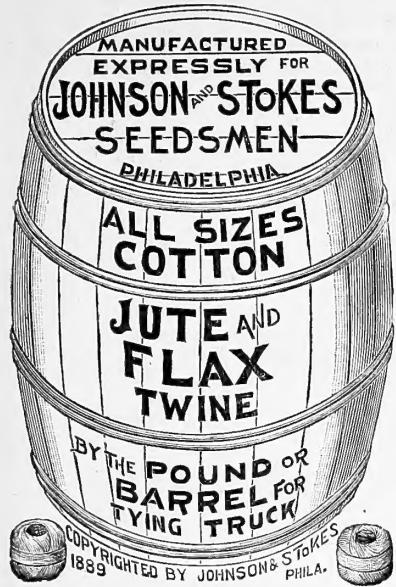
TURNIP.

Purple Top White Globe ,	5	10	35
Early White Flat Dutch,	5	10	35
Early White Egg,	5	15	50
Purple Top Milan (The earliest),	10	20	75
Purple Top Flat ,	5	10	35
Pomeranian White Globe,	5	10	35
Purple Top Mammoth ,	5	20	60
Yellow Aberdeen, Green Top,	5	15	40
Yellow Aberdeen, Purple Top,	5	15	40
Yellow, or Amber Globe ,	5	15	40
Purple Top Yellow Ruta-Baga ,	5	15	50
Myer's Purple Top Beauty Ruta-Baga (New),	10	25	80
Budlong (New) see Specialties,	10	20	75
Large White Ruta-Baga,	10	15	50

HERBS.

Sweet Basil (Broad Leaved),	15	50	1 50
Dill ,	10	20	70
Sage,	15	40	1 40
Lavender,	15	35	1 25
American Sweet Marjoram ,	30	85	3 00
Imported Sweet Marjoram,	20	50	1 75
Summer Savory,	15	40	1 50
Thyme,	30	75	2 75

Sage, Holt's Mammoth. Perfectly hardy, much larger than the ordinary Sage from seed, stronger in flavor, superior in quality. A true perennial, bears continuously until frost. See page 19 our "Garden and Farm Manual." Plants, per doz., 75c.; per 100, \$5.00.

**Jute and Cotton Twine for Tying Truck.**

Largely used for tying beets, radishes, celery, herbs, etc. The quality is the best made, and will be found soft, pliable and strong.

JUTE.—Two, three or four-ply each, 60c. per bag of 5 lbs.; barrel of about 100 lbs., 10c. per lb.

FLAX.—Two-ply, largely used for roping onions, \$1.00 per bag of 5 lbs.; per barrel of about 100 lbs., 18c. per lb.

COTTON.—For tying herbs, firm and soft, \$1.10 per bag of 5 lbs.; per barrel of about 125 lbs., 18c. per lb.

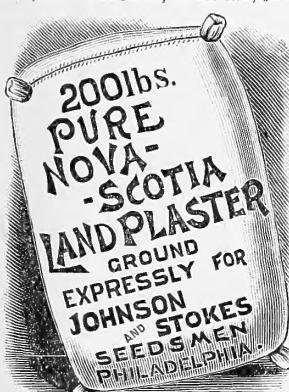
For tying beets, radishes, etc., \$1.00 per bag of 5 lbs.; per barrel of about 125 lbs., 18c. per lb.

For tying celery—this is a little coarser than that used for beets and radishes—\$1.10 per bag of 5 lbs.; per barrel of about 100 lbs., 20c. per lb.

INSECT DESTROYERS.

HAMMOND'S SLUG SHOT. An insecticide of well-known virtue, in the form of a very fine powder; for the cut worm, caterpillar, currant and gooseberry worm and curculio it is invaluable. It will also destroy many other insects infesting trees, plants, vines, etc. 5-lb. package, 25c.; 100 lbs., \$4.00.; bbl. of about 225 lbs., 31 $\frac{1}{2}$ c. per lb.

PARIS GREEN. Warranted strictly pure. 1-lb. can 25c.; 5-lb. can \$1.15.; 14-lb. can, \$2.95.; 28-lb. can, \$5.60.



rose, slug and currant worms. Lb., 35c.; by mail, 55c.

TOBACCO STEMS. For fumigating green-houses 1-lb. package, 8c.; bbl., \$1.00; bale of about 250 lbs., \$1.50; 2000 lbs., \$8.00.

TOBACCO DUST. Largely used by market gardeners for destroying the cabbage fly and louse. 5 lbs., 25c.; 100 lbs., \$3.00.

SULPHUR (Flower of). Used for fumigating green-houses and conservatories. Lb., 8c.; 10 lbs., 75c.

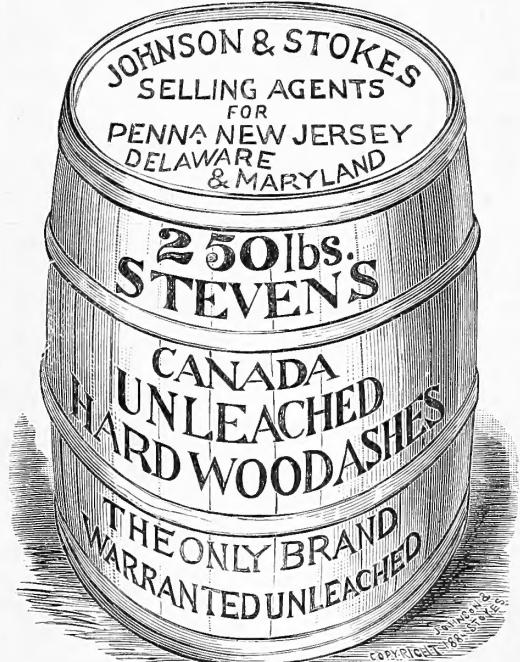
PERSIAN INSECT POWDER (Dalmatian). Lb., 50c.; by mail, 65c.

FERTILIZERS.

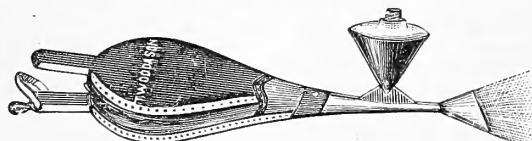
PURE PERUVIAN GUANO, No. 1. This is the highest and best quality of Peruvian Guano offered in America. It is ground, well sieved and all stones and coarse gravel entirely removed, enabling it to be sown with a grain drill with the same ease as ground bone or phosphate. 1-lb. box, 10c.; 5-lb. tin box, 40c.; bag of 200 lbs., \$6.75; ton, \$65.00.

A. A. I. BONE PHOSPHATE. It is made of the very best materials, rendered entirely soluble and available for all growing crops. Our customers may depend that the standard of our A. A. I. brand will be fully maintained. Bag of 200 lbs., \$2.75; ton, \$25.00.

PURE GROUND BONE. We know of no commercial manure that is better adapted for general fertilizing purposes. The sample we offer is of very fine quality and absolutely pure. It is especially valuable for applying on grounds intended for lawns, tennis or base-ball grounds. 5-lb. bag, 20c.; bag of 200 lbs., \$3.55; ton, \$23.00.



Price, - - - \$3.00 per barrel; \$20.00 per ton.
Special prices in car-loads.

BELLOWS FOR INSECT POWDERS.

Woodason's Double Cone,	\$3.50
" Large Single Cone,	2.00
" Small "	1.00
" Atomizer (for Liquids),	2.00
Small Single Cone,	60

Insect Powder Guns, small, 10c.; large, 25c.

EUREKA FUMIGATOR, Galvanized. The best known apparatus for fumigating green-houses, graperies and buildings. Self-acting, perfectly safe; made of extra heavy sheet iron, galvanized. Directions for operating sent with each.

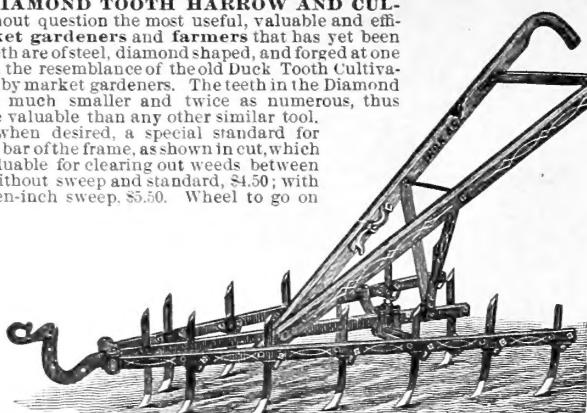
No. 1, height, 12 in., diameter at top, 7 in., \$1.25; No. 2, height, 16 in., diameter at top, 7 in., \$2.00; No. 3, height, 20 in., diameter at top, 9 in., \$2.50; No. 4, height, 24 in., diameter at top, 12 in., \$3.50.

EDDY'S PARIS GREEN DISTRIBUTOR. For dusting Paris Green and Plaster. The weight is carried by a strap across the shoulder. The best device we know of. Price, \$2.00.



DIAMOND TOOTH HARROW AND CULTIVATOR.

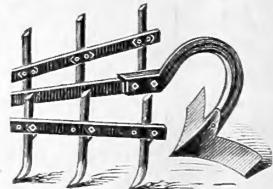
THE NEW DIAMOND TOOTH HARROW AND CULTIVATOR is without question the most useful, valuable and efficient tool for **market gardeners** and **farmers** that has yet been introduced. The teeth are of steel, diamond shaped, and forged at one end, giving it much the resemblance of the old Dutch Tooth Cultivator, so much prized by market gardeners. The teeth in the Diamond Tooth Harrow are much smaller and twice as numerous, thus making it far more valuable than any other similar tool. We also furnish, when desired, a special standard for attaching to middle bar of the frame, as shown in cut, which will be found invaluable for clearing out weeds between the rows. Price, without sweep and standard, \$4.50; with standard and fifteen-inch sweep, \$5.50. Wheel to go on front, 75c. extra.



Diamond Tooth Harrow



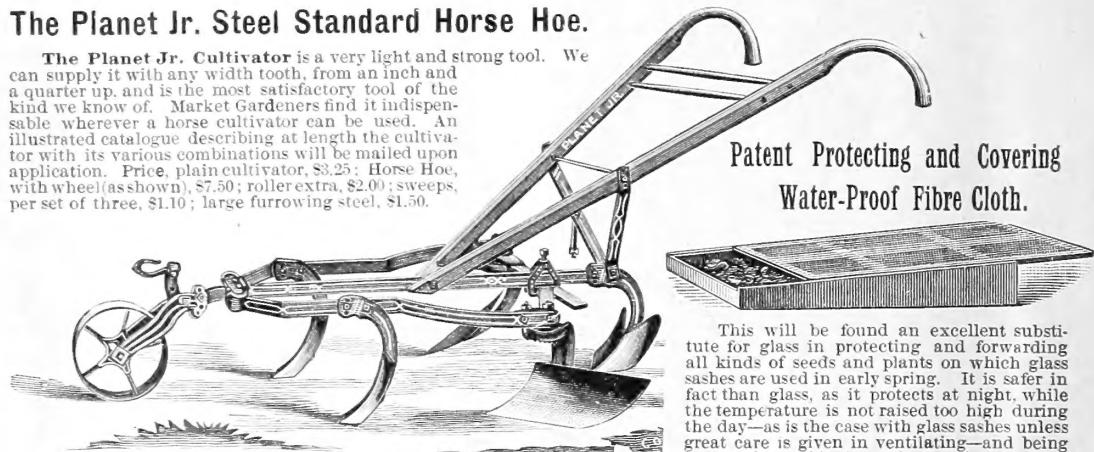
Enlarged Tooth, showing different angles at which it may be placed.



Showing fifteen-inch sweep attachment.

The Planet Jr. Steel Standard Horse Hoe.

The Planet Jr. Cultivator is a very light and strong tool. We can supply it with any width tooth, from an inch and a quarter up, and is the most satisfactory tool of the kind we know of. Market Gardeners find it indispensable wherever a horse cultivator can be used. An illustrated catalogue describing at length the cultivator with its various combinations will be mailed upon application. Price, plain cultivator, \$3.25; Horse Hoe, with wheel (as shown), \$7.50; roller extra, \$2.00; sweeps, per set of three, \$1.10; large furrowing steel, \$1.50.

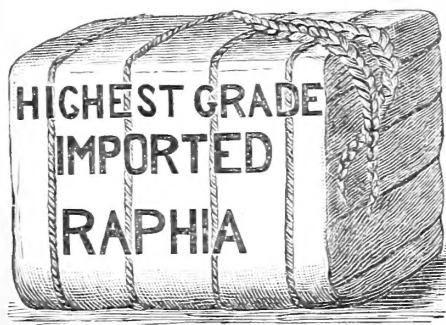


Patent Protecting and Covering Water-Proof Fibre Cloth.

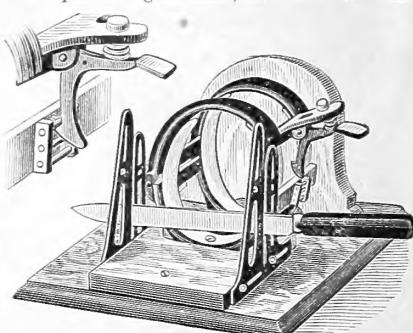
where it would be difficult to get sash. It costs only one-tenth the price of glass sash, and as it is water-proof fibre it will, with care, last several seasons. We furnish this cloth in one-yard widths, and in any number of yards desired, as follows: **Regular Grade**, per piece of 40 yards, at 8c. per yard; for any less quantity, 10c. per yard.



This will be found an excellent substitute for glass in protecting and forwarding all kinds of seeds and plants on which glass sashes are used in early spring. It is safer in fact than glass, as it protects at night, while the temperature is not raised too high during the day—as is the case with glass sashes unless great care is given in ventilating—and being light and portable, it can be sent into sections



Large asparagus growers find this substance to give better satisfaction for tying asparagus into bunches than anything else they can get. It is light, strong, neat, durable and cheaper than any other tying material made. Per lb., 30c.; 10 lbs., 25c. per lb.; 100 lbs., 15c. per lb.; per bale of about 200 lbs., 12c. per pound.



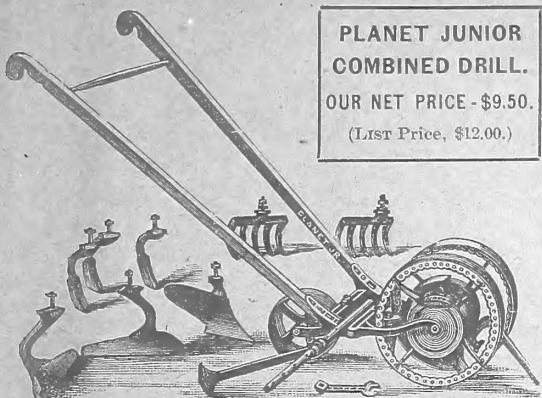
THE NEW ACME ASPARAGUS BUNCHER.

Is the best and most satisfactory buncher in every respect to any in the market. It can be gauged to make either short or long bunches, according to length of the "grass." The fastening arrangement is a very efficient and simple device; fastens automatically. It has a double instead of a single hinge, which makes it very strong and firm. The top of the buncher opens clear back, which renders the filling of the buncher a very easy and rapid operation. Price, \$1.50. Knife guard extra, 50c.

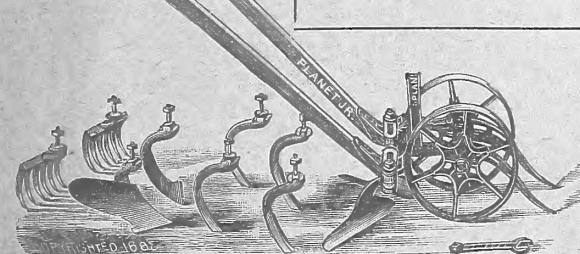
SEND FOR OUR SPECIAL "POULTRY SUPPLY" CIRCULARS, MAILED ON APPLICATION.

THE "PLANET JR." GARDEN TOOLS.

**PLANET JUNIOR
COMBINED DRILL.**
OUR NET PRICE - \$9.50.
(LIST Price, \$12.00.)

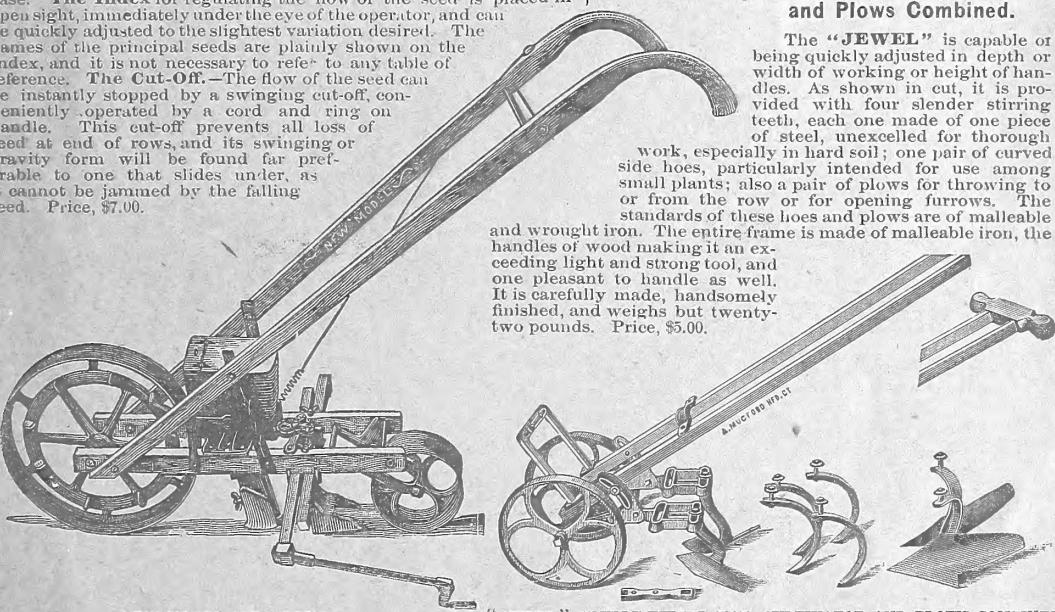


**PLANET JUNIOR
DOUBLE-WHEEL HOE.**
OUR NET PRICE - \$6.00
(LIST Price, \$8.00.)



THE NEW MODEL SEED DRILL.

The "New Model Seed Drill" will sow any kind of seed, in size from Sweet Marjoram to Beans, with the most perfect accuracy and ease. The Index for regulating the flow of the seed is placed in open sight, immediately under the eye of the operator, and can be quickly adjusted to the slightest variation desired. The names of the principal seeds are plainly shown on the Index, and it is not necessary to refer to any table of reference. The Cut-Off.—The flow of the seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot be jammed by the falling seed. Price, \$7.00.



NEW MODEL SEED DRILL.

"JEWEL" DOUBLE-WHEEL HOE, CULTIVATOR AND PLOWS COMBINED.

The Planet Junior goods are widely and favorably known everywhere, the Combined Planet Drill being the most popular combined machine in the market. The entire line is well made, handsomely finished and their Cultivators are second to none.

THE "PLANET JR." NO. 2 DRILL holds $2\frac{1}{3}$ quarts. It will sow, with equal ease and accuracy, a single paper of seed, or a full hopper, covering evenly at any exact depth, and will roll down and mark the next row perfectly, all at a single passage. It has no cams, levers, brushes, cogs, springs or shapers. It is noiseless, automatic, self-cleaning and always reliable. Price, \$7.00.

THE "PLANET JR." COMBINED DRILL, WHEEL HOE, CULTIVATOR AND PLOW. This most popular tool is unrivalled in beauty of design, perfection of finish, convenience and capacity for work. It is suitable for either the farm or garden. As a drill, it is exactly similar and equal to the No. 2, except in size. It holds one quart.

As a plow, it opens furrows, covers them, hills, plows to and from, etc. As a hoe, it works safely and closely to and from both sides of the row at once, when plants are small, between rows as plants grow larger, working all rows from eight to sixteen inches wide at one passage. Price, \$9.50.

"PLANET JR." DOUBLE-WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED. Has the invaluable feature of tending both sides of the row at once. The wheels can be set four, seven or ten inches apart. It has a pair of hoes, a pair of plows, two pairs of cultivator teeth, a pair of rakes and a pair of leaf lifters, making it capable of every variety of gardeners' work. Price, \$6.00. Onion set gatherer, extra, \$1.25.

"PLANET JR." SINGLE-WHEEL HOE is considerably lighter than the Double, and is supplied with one pair of hoes, three reversible cultivator teeth, two narrow and one broad, a large garden plow and a pair of rakes. It is capable of a great variety of combinations and is admirably adapted to the use of small gardens. Price, \$4.75.

"JEWEL" Double-Wheel Hoe, Cultivator and Plows Combined.

The "JEWEL" is capable of being quickly adjusted in depth or width of working or height of handles. As shown in cut, it is provided with four slender stirring teeth, each one made of one piece of steel, unexcelled for thorough work, especially in hard soil; one pair of curved side hoes, particularly intended for use among small plants; also a pair of plows for throwing to or from the row or for opening furrows. The standards of these hoes and plows are of malleable iron, the handles of wood making it an exceeding light and strong tool, and one pleasant to handle as well. It is carefully made, handsomely finished, and weighs but twenty-two pounds. Price, \$5.00.

SEND FOR OUR SPECIAL "HORTICULTURAL SUPPLY" CIRCULAR.

THE LARGEST SEEDS AND WAREHOUSE IN THE EAST

219 IMPLEMENTS | 217

ACTUAL FLOOR SPACE OVER 48,000 SQUARE FEET

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219

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217

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